COLLEGE OF ARTS AND SCIENCES

College Administration

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Welcome to the College of Arts & Sciences at Oklahoma State University. From cutting-edge research in the sciences to original displays of creativity in the arts, this college is the core of the university's vibrant academic and cultural community. Our outstanding faculty, staff and fellow students work together to provide an exceptional learning experience for our majors and graduate students. Arts & Sciences degrees focus on developing our students' capabilities in inquiry based learning, critical thinking, problem solving, and written communication. Each degree and associated co-curricular programs prepare our students for the dynamic careers they will soon enter.

The College of Arts and Sciences not only offers a wide variety of programs in teaching, research and outreach, but also supports and reinforces all the other programs of the University. Apart from strong programs in the natural and social sciences and in the liberal and fine arts, the College provides a number of more specialized and interdisciplinary strengths and a variety of professional and pre-professional training.

Scholarships

A number of undergraduate scholarships are available through the College and through the departments and schools within the College. Visit cas.okstate.edu/scholarships (https://cas.okstate.edu/scholarships) for more information. Arts and Sciences students are also encouraged to apply for the variety of scholarships available through the University's Office of Scholarships and Financial Aid.

Student Success Center

The Arts and Sciences Student Success Center includes resources and support services for students.

Student Academic Services

The academic advising process in Arts and Sciences is coordinated by Student Academic Services. Each undergraduate student is assigned an Academic Advisor, who specializes in the student's degree area. The responsibility for satisfying all requirements for a degree and for ensuring that a degree plan has been submitted rests with the student. Advisors assist students in curriculum planning, and students are encouraged to consult fully with their advisors.

The Student Academic Services staff represents the College in the University's recruiting activities and represents the dean in such matters as petitions for excessive hours, change of major or college, and student withdrawals. Services also include graduation certification, information about college programs and requirements, and referral of A&S students to campus support services.

More information and resources are available at cas.okstate.edu (https://cas.okstate.edu).

Career Services

The primary goal of CAS Career Services is to promote academic excellence to enhance career planning and lifelong success. Services offered include career counseling, job and internship search strategies, and assistance with preparation of resumes and cover letters. Presentations on a wide-range of career-related topics are offered to classes and clubs. More information and resources are available at https://cas.okstate.edu/advising/resources.html.

Outreach

The mission of A&S Outreach is to extend intellectual resources, disseminate knowledge to learners at any time and any place, and provide lifelong learning opportunities. This is accomplished through offering high school and collegiate distance learning courses, international credit courses, and field trip courses. Outreach also coordinates academic conferences, industry workshops and seminars, and cultural outreach opportunities. More information and resources are available at cas.okstate.edu/outreach (https://cas.okstate.edu/outreach).

Academic Programs

Undergraduate Programs

Requirements for all degree programs and options are detailed in Undergraduate Degree Requirements Sheets available online at registrar.okstate.edu/Degree-Requirements (https://registrar.okstate.edu/Degree-Requirements).

Graduate Programs

Requirements for master's and doctoral degrees are detailed on the Graduate College website at gradcollege.okstate.edu/programs/listing-by-degree.html (https://gradcollege.okstate.edu/programs/listing-by-degree.html).

Special Academic Programs

The Honors College

The College of Arts and Sciences has offered honors courses since the 1960s and has the greatest number of students and faculty participating in The Honors College at Oklahoma State University. The Honors College provides outstanding students with the opportunity to study, conduct research and interact with faculty and other honors students in a variety of settings designed to assist talented students who seek to make the most of their educational opportunities. Honors sections of many general education courses allow participating students the benefits of small classes taught by experienced members of the faculty, thus combining the extensive resources of a major comprehensive university with personal faculty attention to each student. Special honors seminars provide coverage of topical issues each semester in formats that encourage the exchange of ideas through discussion and writing. Honors

seniors complete the requirements of The Honors College by undertaking a senior honors thesis (or similar creative activity), and honors seniors also may earn honors credit by enrollment in graduate seminars.

For eligibility requirements, visit The Honors College website at honors.okstate.edu (http://honors.okstate.edu).

OSUTeach and Secondary Teacher Certification (grades 6-12)

Students earning a degree in Biological Science, Chemistry, Geology, Mathematics or Physics may participate in the OSUTeach program by selecting a degree option in secondary teacher certification. OSUTeach offers four-year degree, which lead to a B.S. in the selected discipline and teacher certification at the secondary level. OSUTeach is a collaboration between the College of Education and the College of Arts and Sciences. OSUTeach students begin supervised teaching in K-12 classrooms during their first semester in the program and continue these field experiences throughout their coursework, which culminates with apprentice teaching.

Students earning degrees in other majors in the College of Arts and Sciences can also satisfy the requirements for secondary teacher certification by completing certain courses and other requirements. Interested students should see their Arts and Sciences advisor and the OSU Professional Education Unit in the College of Education in room 325 Willard as soon as possible for more information. Students who plan to complete the requirements for certification should apply for admission to professional education immediately in order to incorporate certification requirements into their plan of study. OSU Professional Education recommends a candidate for certification to the State Department of Education when the candidate has successfully completed all requirements. See the Professional Education section of the catalog for more information.

Pre-professional Programs in the Health Professions

Pre-medicine, Pre-dentistry, Pre-optometry, Pre-pharmacy, Pre-chiropractic and Pre-veterinary Medicine.

The pre-professional curricula for physicians, dentists, podiatrists, optometrists, pharmacists, chiropractors and veterinarians have the same basic core because they must prepare students for professional schools whose admission requirements are almost identical. These include a strong foundation in math, chemistry, physics and biology, the disciplines on which major advances in the health field depend. Included also are courses to develop written and spoken communication skills, which are highly important for a good relationship with patients, the public and other professionals.

Beyond this required core, pre-professional students may choose courses and a major as freely as any other students in the College of Arts and Sciences. Medical schools encourage study in the social sciences and humanities that contributes to the understanding of human beings in their entirety—their history and environment, their attitudes and values, their emotions, motivations, interpersonal relationships and cultural heritage. All of these may affect sickness and health.

The specific admission requirements of medical, dental and veterinary schools are available at https://success.okstate.edu/support-for-students/pre-professional and in the Pre-health Advising office. The OSU pre-medical and pre-veterinary course requirements are listed in the "College of Veterinary Medicine" and the "Center for Health Sciences" sections of the Catalog. Students whose goal is admission to medical, dental, podiatry, optometry, pharmacy or veterinary programs should consult with their academic advisor.

Allied Health Professions

The allied health professions for which one can prepare at Oklahoma State University include dental hygiene, nursing, occupational therapy, physical therapy, physician's associate and medical imaging and radiation sciences. The College of Arts and Sciences offers the general education and basic science courses that a student must complete before he or she can be accepted into a professional program. Competitive students may be accepted into these programs after completing 60-90 hours of course work, depending on the health profession. Students whose goal is admission to a professional program in the allied health professions should visit https://success.okstate.edu/support-for-students/pre-professional for information regarding the specific requirements of particular programs and schools and consult with their academic advisor.

Pre-Law Preparation

Law schools have no single preference for a specific undergraduate major. Admission to law school is primarily based on a strong record achieved in a rigorous undergraduate program and a competitive score on the Law School Admission Test (LSAT). Other admission considerations include course of study and difficulty of curriculum; letters of recommendation; work and leadership experiences; and applicant's background and motivation as revealed in an application essay.

Law school admissions officers most frequently recommend students include in their undergraduate programs courses which develop strong reading, writing and critical thinking skills as these verbal and analytical abilities are particularly critical for success in law school.

Students whose goal is admission to law school should visit https://success.okstate.edu/support-for-students/pre-professional and consult with their academic advisor.

Student Organizations and Honor Societies

The Arts & Sciences Student Council serves as the voice of the undergraduate students in the College of Arts & Sciences. As the liaison between the students and the faculty, the Council's primary goal is to foster an atmosphere of learning that places students first. Through student programming, interaction with administration and faculty, and the promotion of the College's student organizations, the Council strives to enrich the experience of Arts & Sciences students. The Council also stresses service to the University and to the surrounding community. A complete listing of Student Organizations is available through the OSU Office of Leadership and Campus Life at https://campuslink.okstate.edu/.

Academic Areas

- Aerospace Studies (p. 1058)
- Art, Graphic Design and Art History (p. 1062)
- Biology (p. 1100)
- Chemistry (p. 1181)
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- Economics (p. 1251)

- English (p. 1280)
- Geography (p. 1324)
- Geology (Boone Pickens School of Geology) (p. 1387)
- History (p. 1431)
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- Media and Strategic Communications (p. 1603)
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- Statistics (p. 1962)
- Theatre (p. 1986)

Undergraduate Programs

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- American Sign Language Studies, BA (p. 1514)
- American Sign Language Studies: ASL - English Interpreting, BA (p. 1517)
- American Studies, BA (p. 1451)
- American Studies, BS (p. 1455)
- American Studies: American Indian Studies, BA (p. 1459)
- American Studies: American Indian Studies, BS (p. 1463)
- American Studies: Business Essentials, BA (p. 1467)
- American Studies: Business Essentials, BS (p. 1471)
- American Studies: Pre-Law, BA (p. 1475)
- American Studies: Pre-Law, BS (p. 1479)
- Applied Computer Programming, BS (p. 1241)
- Art: Art History, BA (p. 1081)
- Art: Graphic Design, BFA (p. 1085)
- Art: Studio Art, BA (p. 1089)
- Art: Studio, BFA (p. 1093)
- Biochemistry, BS (p. 1192)
- Biology, BS (p. 1118)
- Biology: Allied Health, BS (p. 1121)
- Biology: Environmental Biology, BS (p. 1124)
- Biology: Pre-Medical Sciences, BS (p. 1127)
- Biology: Secondary Teacher Certification, BS (p. 1130)
- Chemistry (Approved by the American Chemical Society), BS (p. 1195)
- Chemistry, BS (p. 1198)
- Chemistry: Pre-Health, BS (p. 1201)
- Chemistry: Secondary Teacher Certification, BS (p. 1204)
- Communication Sciences and Disorders, BS (p. 1221)
- Computer Science, BS (p. 1245)
- Economics, BS (p. 1262)
- Economics: General Option, BA (p. 1265)
- Economics: International Economics Relations, BA (p. 1268)
- Economics: Pre-Dental, BS (p. 1271)
- Economics: Pre-Medical, BS (p. 1274)
- Economics: Pre-Veterinary, BS (p. 1277)
- English, BA (p. 1302)
- English: Creative Writing, BA (p. 1305)
- English: Pre-Law, BA (p. 1308)
- English: Professional Writing, BA (p. 1312)
- English: Screen Studies, BA (p. 1315)
- Environmental Geoscience, BS (p. 1404)
- French, BA (p. 1522)
- French: Business Essentials, BA (p. 1525)
- French: Pre-Law, BA (p. 1528)
- Geography, BA (p. 1348)
- Geography, BS (p. 1351)
- Geography: Business Essentials, BA (p. 1354)
- Geography: Business Essentials, BS (p. 1357)
- Geography: Pre-Law, BA (p. 1360)
- Geography: Pre-Ministry, BA (p. 1363)
- Geology, BS (p. 1407)
- Geology: Business Essentials, BS (p. 1410)
- Geology: Environmental Geology, BS (p. 1413)
- Geology: Petroleum Geology, BS (p. 1416)
- Geology: Pre-Law, BS (p. 1419)
- Geology: Secondary Teacher Certification, BS (p. 1422)
- Geophysics, BS (p. 1426)
- Geospatial Information Science, BS (p. 1366)
- German, BA (p. 1532)
- German: Business Essentials, BA (p. 1535)
- German: Pre-Law, BA (p. 1538)
- Global Studies, BA (p. 1371)
- Global Studies: Business Essentials, BA (p. 1376)
- Global Studies: Pre-Law, BA (p. 1381)
- Global Studies: Pre-Ministry, BA (p. 1384)
- History, BA (p. 1485)
- History: Business Essentials, BA (p. 1489)
- History: Pre-Law, BA (p. 1493)
- Interdisciplinary Studies, BA (p. 1694)
- Interdisciplinary Studies, BS (p. 1697)
- Interdisciplinary Studies: Business Essentials, BA (p. 1700)
- Interdisciplinary Studies: Business Essentials, BS (p. 1703)
- Interdisciplinary Studies: Pre-Law, BA (p. 1706)
- Interdisciplinary Studies: Pre-Law, BS (p. 1709)
- Mathematics, BA (p. 1578)
- Mathematics, BS (p. 1581)
- Mathematics: Actuarial Science and Financial Mathematics, BS (p. 1584)
- Mathematics: Applied Mathematics, BS (p. 1587)
- Mathematics: Data Science, BS (p. 1591)
- Mathematics: Pre-Law, BS (p. 1594)
- Mathematics: Pre-Medical Sciences, BS (p. 1597)
- Mathematics: Secondary Teacher Certification, BS (p. 1600)

- Medicinal Chemistry, BS (p. 1207)
- Microbiology, BS (p. 1668)
- Microbiology: Medical Laboratory Science, BS (p. 1671)
- Microbiology: Pre-Medical/Pre-Dental, BS (p. 1674)
- Microbiology: Pre-Veterinary, BS (p. 1678)
- Multimedia Journalism, BA (p. 1621)
- Multimedia Journalism, BS (p. 1625)
- Music Education: Instrumental/Vocal Certification, BM (p. 1739)
- Music Industry, BS (p. 1744)
- Music, BA (p. 1747)
- Music: Jazz Performance, BM (p. 1750)
- Music: Music Composition, BA (p. 1753)
- Music: Performance, BM (p. 1756)
- Musical Theatre, BFA (p. 2002)
- Philosophy, BA (p. 1781)
- Philosophy: Ethics and Business Essentials, BA (p. 1784)
- Philosophy: Ethics and Public Policy, BA (p. 1787)
- Philosophy: Pre-Law, BA (p. 1790)
- Philosophy: Pre-Ministry, BA (p. 1792)
- Physics, BS (p. 1810)
- Physics: Applied Physics, BS (p. 1813)
- Physics: Secondary Teacher Certification, BS (p. 1815)
- Physiology, BS (p. 1133)
- Physiology: Pre-Medical Sciences, BS (p. 1136)
- Plant Biology, BS (p. 1140)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1143)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1146)
- Plant Biology: Pre-Forensics, BS (p. 1149)
- Plant Biology: Pre-Law Environmental Policy, BS (p. 1152)
- Plant Biology: Pre-Pharmacy, BS (p. 1155)
- Political Science, BA (p. 1837)
- Political Science, BS (p. 1840)
- Political Science: Campaigns and Lobbying, BA (p. 1843)
- Political Science: Campaigns and Lobbying, BS (p. 1846)
- Political Science: Global Politics, BA (p. 1849)
- Political Science: Global Politics, BS (p. 1852)
- Political Science: Pre-Law, BA (p. 1855)
- Political Science: Pre-Law, BS (p. 1858)
- Political Science: Public Policy, BA (p. 1861)
- Political Science: Public Policy, BS (p. 1864)
- Psychology, BA (p. 1885)
- Psychology, BS (p. 1889)
- Psychology: Business Essentials, BA (p. 1892)
- Psychology: Pre-Law, BA (p. 1895)
- Psychology: Pre-Med, BS (p. 1899)
- Psychology: Pre-Occupational Therapy, BS (p. 1902)
- Psychology: Pre-Physical Therapy, BS (p. 1905)
- Sociology, BA (p. 1925)
- Sociology, BS (p. 1928)
- Sociology: Anthropology, BA (p. 1931)
- Sociology: Anthropology, BS (p. 1934)
- Sociology: Criminology and Criminal Justice, BA (p. 1937)
- Sociology: Criminology and Criminal Justice, BS (p. 1940)
- Sociology: Environment and Society, BA (p. 1943)
- Sociology: Environment and Society, BS (p. 1946)
- Sociology: Pre-Law, BS (p. 1949)
- Sociology: Pre-Medical Science, BS (p. 1952)
- Sociology: Social Services, BA (p. 1955)
- Sociology: Social Services, BS (p. 1958)
- Spanish, BA (p. 1549)
- Spanish: Business Essentials, BA (p. 1552)
- Spanish: Pre-Law, BA (p. 1555)
- Sports Media, BA (p. 1628)
- Sports Media, BS (p. 1631)
- Statistics, BS (p. 1974)
- Statistics: Actuarial Science, BS (p. 1977)
- Statistics: Business Essentials, BS (p. 1980)
- Statistics: Data Science, BS (p. 1983)
- Strategic Communication: Advertising and Public Relations, BA (p. 1634)
- Strategic Communication: Advertising and Public Relations, BS (p. 1637)
- Strategic Communication: Global Communication, BA (p. 1640)
- Strategic Communication: Social Media, BA (p. 1643)
- Strategic Communication: Social Media, BS (p. 1646)
- Strategic Communication: Sport Communication, BA (p. 1649)
- Strategic Communication: Sport Communication, BS (p. 1652)
- Theatre, BA (p. 2006)
- Zoology, BS (p. 1159)
- Zoology: Ecology and Conservation Biology, BS (p. 1162)
- Zoology: Pre-Medical Sciences, BS (p. 1165)
- Zoology: Pre-Veterinary Sciences, BS (p. 1168)
- Zoology: Secondary Teacher Certification, BS (p. 1171)

Certificates

Undergraduate Certificates

- American Sign Language Studies, Undergraduate Certificate (p. 1519)
- Audiology Assistants, Undergraduate Certificate (p. 1219)
- Biblical Studies, Undergraduate Certificate (p. 1175)
- Communication Sciences and Disorders, Undergraduate Certificate (p. 1224)
- Cybersecurity, Undergraduate Certificate (p. 1248)
- Digital Studies, Undergraduate Certificate (p. 1176)
- Dyslexia, Undergraduate Certificate (p. 1225)
- Environmental Studies, Undergraduate Certificate (p. 1345)
- eSports, Undergraduate Certificate (p. 1177)
- Ethics, Undergraduate Certificate (p. 1778)
- General Education Digital Citizenship: Media and Information Literacy, Undergraduate Certificate (p. 1178)
- General Education Ethics and Society, Undergraduate Certificate (p. 1779)
- General Education Leadership, Undergraduate Certificate (p. 1179)
- Geographic Information Systems, Certificate (p. 1346)

- Pre-Medical Sciences, Undergraduate Certificate (p. 1180)
- Professional Spanish, Undergraduate Certificate (p. 1546)
- Publishing and Editing, Undergraduate Certificate (p. 1321)
- Quantum Information Science, Undergraduate Certificate (p. 1818)
- Speech-Language Pathology Assistants, Undergraduate Certificate (p. 1226)
- Substance Use, Addiction and Society, Undergraduate Certificate (p. 1961)
- Teaching English to Speakers of Other Languages, Undergraduate Certificate (p. 1323)
- The Art and Science of Critical Thinking, Undergraduate Certificate (p. 1797)
- Undergraduate Research, Undergraduate Certificate (p. 1035)

Minors

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- Aerospace Studies (AERO), Minor (p. 1061)
- African American and Africana Studies (AFAA), Minor (p. 1299)
- American Indian Studies (AMIS), Minor (p. 1449)
- American Sign Language (ASL), Minor (p. 1513)
- American Studies (AMST), Minor (p. 1450)
- Ancient and Medieval Studies (AAMS), Minor (p. 1483)
- Anthropology (ANTH), Minor (p. 1921)
- Applied Computer Programming (APCP), Minor (p. 1240)
- Applied Music (APMU), Minor (p. 1735)
- Applied Statistics (APST), Minor (p. 1971)
- Art History (ARTH), Minor (p. 1080)
- Arts Administration (AADM), Minor (p. 2000)
- Asian Studies (ASTD), Minor (p. 1685)
- Biology (BIO), Minor (p. 1117)
- Campaigns and Lobbying (CAML), Minor (p. 1832)
- Central Asian Studies (CAST), Minor (p. 1686)
- Chemistry (CHEM), Minor (p. 1210)
- Chinese (CHIN), Minor (p. 1520)
- Classical Studies (CLST), Minor (p. 1687)
- Cognitive Science (CSCI), Minor (p. 1881)
- Communication Sciences and Disorders (CDIS), Minor (p. 1220)
- Communication Studies (CMST), Minor (p. 1882)
- Computer Science (CS), Minor (p. 1244)
- Creative Writing (CRWR), Minor (p. 1300)
- Criminology and Criminal Justice (CRCJ), Minor (p. 1922)
- Dance (DANC), Minor (p. 2001)
- Economics (Arts and Sciences) (ECAS), Minor (p. 1261)
- English (ENGL), Minor (p. 1301)
- Ethics (ETHC), Minor (p. 1777)
- European Studies (EUST), Minor (p. 1688)
- French (FREN), Minor (p. 1521)
- Gender, Women's and Sexuality Studies (GWS), Minor (p. 1318)
- Geography (GEOG), Minor (p. 1347)
- Geology (GEOL), Minor (p. 1425)
- Geophysics (GPHY), Minor (p. 1429)
- Geospatial Information Technologies (GSIT), Minor (p. 1369)
- German (GRMN), Minor (p. 1531)
- Global Studies (GLST), Minor (p. 1370)
- Graphic Design (GRPH), Minor (p. 1097)
- Greek (GREK), Minor (p. 1541)
- Hispanic and Latin American Studies (HLAS), Minor (p. 1690)
- History (HIST), Minor (p. 1484)
- Intelligence and Security Analysis (INSA), Minor (p. 1833)
- Japanese (JPN), Minor (p. 1542)
- Jazz (JAZZ), Minor (p. 1736)
- Korean (KRN), Minor (p. 1543)
- Latin (LATN), Minor (p. 1544)
- Law and Legal Studies (LLS), Minor (p. 1834)
- Linguistics (LING), Minor (p. 1319)
- Mathematics (MATH), Minor (p. 1577)
- Microbiology (MICR), Minor (p. 1667)
- Middle East Studies (MES), Minor (p. 1691)
- Military Science (MLSC), Minor (p. 1683)
- Music (MUSI), Minor (p. 1737)
- Music Composition and Theory (MUCT), Minor (p. 1738)
- Neuroscience (NEUR), Minor (p. 1883)
- Oceanography (OCEN), Minor (p. 1430)
- Philosophy (PHIL), Minor (p. 1780)
- Physics (PHYS), Minor (p. 1809)
- Plant Biology (PLB), Minor (p. 1139)
- Political Science (POLS), Minor (p. 1835)
- Pre-Art Therapy (PART), Minor (p. 1098)
- Professional Chinese (PRCH), Minor (p. 1545)
- Professional Writing (PRWR), Minor (p. 1320)
- Psychology (PSYC), Minor (p. 1884)
- Religious Studies (REL), Minor (p. 1795)
- Russian (RUSS), Minor (p. 1547)
- Russian and East European Studies (REES), Minor (p. 1692)
- Screen Studies (SCST), Minor (p. 1322)
- Social Justice (SOJU), Minor (p. 1923)
- Sociology (SOC), Minor (p. 1924)
- Spanish (SPAN), Minor (p. 1548)
- Speech Communication (SPCH), Minor (p. 1908)
- Statistical Data Science (SDSC), Minor (p. 1972)
- Statistics (STAT), Minor (p. 1973)
- Studio Art (STDA), Minor (p. 1099)
- The Art and Science of Critical Thinking (ASCT), Minor (p. 1796)
- Theatre (TH), Minor (p. 2005)
- Truth and Reconciliation in the Americas (TRRA), Minor (p. 1497)
- Zoology (ZOOL), Minor (p. 1158)

Trails

- General Education Digital Citizenship: Media and Information Literacy, Undergraduate Certificate (p. 1178)
- General Education Ethics and Society, Undergraduate Certificate (p. 1779)
- General Education Leadership, Undergraduate Certificate (p. 1179)

Graduate Programs

Twenty-five master's degrees are offered in the College along with 15 doctoral degrees. For details, see the departmental entries that follow or consult the "Graduate College" section in the Catalog.

- Applied Mathematics, MS (p. 1574)
- Applied Statistics, MS (p. 1970)
- Art History, MA (p. 1078)
- Chemistry, MS/PhD (p. 1190)
- Communication Sciences and Disorders, MS (p. 1217)
- Computer Science, MS/PhD (p. 1238)
- Creative Writing, MFA (p. 1296)
- English, MA/PhD (p. 1296)
- Geography, MS/PhD (p. 1344)
- Geology, MS/PhD (p. 1403)
- Graphic Design, MFA (p. 1078)
- History, PhD (p. 1448)
- Integrative Biology, MS/PhD (p. 1116)
- Mass Communication, MS (p. 1620)
- Mathematics, MS/PhD (p. 1574)
- Medical Physics, MS (p. 1807)
- Microbiology/Cell and Molecular Biology, MS/PhD (p. 1665)
- Music: Applied Music, MM (p. 1734)
- Music: Conducting, MM (p. 1734)
- Optics and Photonics, MS (p. 1807)
- Philosophy, MA (p. 1775)
- Physics, MS/PhD (p. 1807)
- Plant Biology, MS (p. 1116)
- Political Science: Public Policy and Administration, MA (p. 1831)
- Professional Writing, MA (p. 1296)
- Psychology, MS (p. 1879)
- Psychology: Clinical, PhD (p. 1879)
- Psychology: Experimental Psychology, PhD (p. 1879)
- Public History, MA (p. 1448)
- Sociology, MS/PhD (p. 1919)
- Statistics, MS/PhD (p. 1970)
- Teaching English as a Second Language (TESL), MA (p. 1296)
- Theatre, MA (p. 1996)

Aerospace Studies

Air Force Reserve Officer Training Corps (AFROTC) is an outstanding opportunity to commission as an Officer in the United States Air Force or United States Space Force. Through this program, you will hone your leadership, time-management and analytical skills, while improving your physical fitness. If you meet military and academic requirements, at the completion of this program, you will commission as a Second Lieutenant in the Air Force or Space Force. From there you will have the opportunity to see the world and lead people in diverse career fields including pilot, logistics, special warfare, engineer, doctor, lawyer, program manager, space or nuclear operations, and many more. No matter your degree or life ambitions, there may be a place for you in the United States Air and Space Forces.

Students complete one credit hour of basic Aerospace Studies and one credit hour of hands-on leadership laboratory each semester during their freshman and sophomore years. These credits consist of one lecture hour and two hours of leadership laboratory per week, providing an understanding of the Department of the Air Force structure, history, procedures, military customs and courtesies, and military uniform wear. Students also attend two hours of fitness training each week in order to maintain physical fitness and meet fitness test requirements. Unless receiving scholarship through AFROTC, students are under no military obligation throughout this time. Students with an AFROTC scholarship receive $300-$350 per month subsistence allowance during their first two years at OSU.

Students are required to meet academic and military retention standards in order to compete for the opportunity to attend Field Training following their sophomore year. Successful completion of Field Training qualifies them to enter the Professional Officer Corps (POC) as an upper classman. Upon entering the POC, students will complete 16 credit hours of Aerospace Studies during their junior and senior years. These credits consist of three lecture hours, two hours of leadership laboratory and two hours of fitness training per week, each semester. The POC provides students with increased leadership opportunities within the cadet wing, preparing them for commissioning as a second lieutenant at the end of their senior year. Additionally, all POC cadets receive $450-$500 per month subsistence allowance.

Furthermore, all students have the opportunity to participate in various cadet wing-sponsored extracurricular activities throughout their AFROTC career. These include visits to active Air Force installations to gain first-hand knowledge of the duties of junior Air Force officers, often including incentive flights in USAF aircraft!

Multiple scholarships are available for competitive applicants; from Air Force ROTC-funded, in#college scholarships, to a four-year, OSU Incentive Scholarship for the top students in each class year, and in-state tuition for out-of-state cadets in good standing, with intent to earn their military commission.

AFROTC is available to undergraduate and graduate students with at least three years remaining at OSU. To get started as a freshman during the Fall semester simply register for the AERO 1111 and AERO 1000 classes. During the summer you'll be contacted about orientation events. Orientation typically takes place the Thursday or Friday prior to the start of the Fall semester. If you're not a freshman please contact Detachment 670 for specific information on how to get started and how your path will be slightly different.

For more information or if this program interests you, please contact Detachment 670 at 405#744-7744 or afrotc@okstate.edu.

Courses

AERO 1000 General Military Course Leadership Laboratory
Prerequisites: Concurrent enrollment in AERO 1111 or AERO 1211 or AERO 2111 or AERO 2211 or with department permission
Description: Leadership Laboratory (LLAB) is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Offered for variable credit, 1-6 hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Lab: 2-12 Contact: 2-12
Levels: Undergraduate
Schedule types: Lab
Department/School: Aerospace Studies

AERO 1111 Department of the Air Force (DAF) Professionalism
Description: "Department of the Air Force (DAF) Professionalism," is designed to introduce students to the DAF and its culture, providing an overview of essential attributes required for success in this context. Enroll in this course to join Air Force/Space Force ROTC. Joining ROTC does not commit you to military service, but you will receive military training and a path to enter the Air Force or Space Force as a commissioned officer upon graduation. This is a great way to see if military service is right for you.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 1211 Competition and Security
Description: "Competition and Security," introduces students to the concept of national security from a broad perspective, encompassing the military's involvement in securing national interests through a range of activities from cooperation to armed conflict. This course is designed to lay a solid foundation for understanding the multifaceted nature of global security and the critical role of the DAF in maintaining peace and security.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 2111 Team and Leadership Fundamentals I
Description: "Team and Leadership Fundamentals" provides a fundamental understanding of both leadership and team building. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 2211 Team and Leadership Fundamentals II
Prerequisites: AERO 2111, must pass with a "C" or better.
Description: This course builds on the fundamental understanding of both leadership and team building. Topics include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Cadets will apply these lessons at Field Training, which follows the AS200 year.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 3000 Professional Officer Course Leadership Laboratory
Prerequisites: Concurrent enrollment in AERO 3103 or AERO 3203 or AERO 4103 or AERO 4203 or with department permission
Description: Leadership Laboratory (LLAB) is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Offered for variable credit, 1-8 hours Maximum of 8 credit hours.
Credit hours: 1-8
Contact hours: Lab: 2-16 Contact: 2-16
Levels: Undergraduate
Schedule types: Lab
Department/School: Aerospace Studies

AERO 3103 Leading People and Effective Communication I
Prerequisites: AERO 2211, must pass with a "C" or better; or with department permission.
Description: "Leading People and Effective Communication" utilizes student's field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills, and why that is important as a leader. Students have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 3203 Leading People and Effective Communication II
Prerequisites: AERO 3103, must pass with a "C" or better; or with department permission.
Description: "Leading People and Effective Communication" utilizes student's field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills, and why that is important as a leader. Students have an opportunity to try out leadership and management techniques in a supervised environment as juniors and seniors.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 3504 Field Training Encampment Program
Prerequisites: Consent of professor of aerospace studies.
Description: Practical training on an Air Force base. Junior officer training, familiarization training in most functional aspects of a typical Air Force base. Includes career orientation, small arms firing, flight orientation rides, and survival training.
Credit hours: 4
Contact hours: Lecture: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 4103 National Security, Leadership Responsibilities and Commissioning Preparation I
Prerequisites: AERO 3203, must pass with a "C" or better; or with department permission.
Description: "National Security and Preparation for Active-Duty" is designed for college seniors and provides them the foundation to understand their role as military officers and how they are directly tied to our National Security. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 4203 National Security, Leadership Responsibilities and Commissioning Preparation II
Prerequisites: AERO 3203, must pass with a "C" or better; or with department permission.
Description: Students are instructed on the responsibility, authority, and functions on an Air Force commander and selected provisions of the military justice system. The final semester of the AS400 course is designed to prepare cadets for life as a second lieutenant. "National Security and Preparation for Active-Duty" is designed for college seniors and provides them the foundation to understand their role as military officers and how they are directly tied to our National Security.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

AERO 4402 Summer Professional Development Training Program
Prerequisites: Consent of professor of aerospace studies.
Description: Students spend from two to three weeks on an Air Force base working in their intended specialty under supervision of experienced officer. Leadership and management principles applied to day-to-day experiences.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Aerospace Studies

Minors

- Aerospace Studies (AERO), Minor (p. 1061)

Faculty

Lieutenant Colonel Christopher J. Stewart—Commander, Professor and Department Head
Assistant Professors: Lt Col Matthew Dirksen; Major Christian Lundin; Lt James Webb
Staff: Mendi Cronister; Technical Sergeant Ryan Carter; Staff Sergeant LaDarron Tutton

Aerospace Studies (AERO), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 16

Code	Title	Hours
Minor Requirements		
16 hours AERO. 16 hours must be upper-division		16

Choose from AERO (p. 1058) courses.

Other Requirements

- GPA of 2.5 with no grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Art, Graphic Design and Art History

The Department of Art, Graphic Design and Art History offers courses for students who are interested in the visual arts or wish to major in Studio Art (BA or BFA), Graphic Design (BFA) or Art History (BA). Minors are also available in Studio Art, Graphic Design, and Art History. The Bachelor of Art (BA) includes options in art history and studio art; the Bachelor of Fine Arts (BFA) is a professional degree in either Graphic Design or Studio Art, which offers concentrations in drawing, oil painting, printmaking, photography, ceramics, jewelry/metalsmithing, and sculpture.

In order to qualify for graduation, art majors must have grade-point averages in Art Department courses of 2.50 for a BA in Studio Art, 3.0 for a BA in Art History, and 2.75 for a BFA in Studio Art or Graphic Design.

Students who wish to major in graphic design must have a minimum overall GPA of 2.75 to enroll in 2000-level graphic design courses. Prospective graphic design students must have taken — or be enrolled in — two 2000-level graphic design courses (ART 2413 and ART 2423) and completed foundations classes (ART 1103, ART 1203, and ART 1303) before their sophomore portfolio review, which is scheduled each spring semester. Students who wish to transfer into the graphic design program with earned credit in equivalent courses are subject to the same review and must submit portfolio materials with application for admission into the program no later than April 1. This portfolio review is required for students to proceed to 3000-level graphic design courses.

The Department of Art, Graphic Design and Art History is proud to offer substantial scholarships at all levels, freshman through senior, on a competitive basis.

Courses

ART 1103 Drawing I
Description: A freehand drawing experience designed to build basic skills and awareness of visual relationships. A sequence of problems dealing with composition, shape, volume, value, line, gesture, texture and perspective. A variety of media explored.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 1113 Drawing II
Prerequisites: ART 1103.
Description: Objective and subjective approaches to visual problem solving in a variety of black and white and color media. The analysis and manipulation of form, light, space, volume, and the formal aspects of perspective.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 1203 Visual Thinking: Image and Surface
Description: Investigation of fundamental design principles and visual elements through the process of image making. Students explore the dynamics of composition through developing approaches to aesthetics, visual analysis, perception and narrative. Provides experience with a variety of two-dimensional media and develops core skills in observation, craft and technique. Emphasis is placed on interdisciplinary learning through lectures, discussions, critiques, and the process of making images.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 1303 Visual Thinking: Form and Space
Description: Investigation of fundamental design principles of form through the process of object making. Students explore concepts of interaction between form, space and movement through developing approaches to the construction and manipulation of materials. Provides experience with a variety of three-dimensional media and develops skills in observation, craft and technique. Emphasis is placed on interdisciplinary learning through lectures, discussions, critiques, and the process of making objects. Course previously offered as ART 2203.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 1503 Art History Survey to 1400 (H)
Description: Introduction to the history of art, from the Prehistoric era to c. 1400 CE. Introduces visual arts from diverse regions and cultures. Investigates the cultural, social, religious, political, and personal contexts that surround art and architecture. Focuses on skills such as visual literacy and analysis, critical thinking, and writing about art. May be taken independently of ART 1513. Previously offered as ART 2603.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 1513 Art History Survey Since 1400 (H)
Description: Part 2 of the introduction to the history of art, from c. 1400 CE to present. Introduces visual arts from diverse regions and cultures. Investigates the cultural, social, religious, political, and personal contexts that surround art and architecture. Focuses on skills such as visual literacy and analysis, critical thinking, and writing about art. May be taken independently of ART 1503. Previously offered as ART 2613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 1603 Introduction to Global Art (H)
Description: Introductory survey of global art history, with emphasis on modern and contemporary art. Intended for non-art majors. Course previously offered as ART 1803.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 2003 Studio Methods and Preparation
Description: Portfolio concept development including idea generation, sketchbook, analyzing and evaluating art criticism and select contemporary artists. Professional portfolio presentation, including matting, artwork documentation and resume as a precursor to the Sophomore review. Course previously offered as ART 2002.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2013 Non-Major Ceramics I
Description: Introduction to basic building techniques including wheel throwing, coiling, and slab construction, as well as slip and glaze application and a variety of firing processes. Exposure to historical and contemporary references. Emphasis on personal growth through technique and concept. Same course as ART 2253.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2023 Non-Major Oil Painting I
Description: The development of skills in oil painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Same course as ART 2223.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2033 Non-Major Watercolor I
Description: The development of technical skills stressing color, form, and content. Assignments cover paper preparation and support, brush handling, pigment characteristics and mixing, and all basic dry surface and wet surface painting techniques. Same course as ART 2233.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2043 Non-Major Jewelry and Metals I
Description: Fabrication and forming techniques for non-ferrous metals. Cold joinery, silver soldering, surface treatment and elementary stone setting. Applications toward either wearable or small scale sculptural format. Same course as ART 2243.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2063 Non-Major Sculpture I
Description: Explore creative expression while learning a variety of sculptural processes and techniques. Begin developing spatial sensitivity, conceptual thinking, and critical thinking through engaging with broad contemporary art themes. Same course as ART 2263.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2073 Non-Major Printmaking I
Description: Varied print processes, including monotypes, relief printmaking, and intaglio. Fundamental techniques of each medium that include inking, printing, editioning multiples, and both additive and subtractive approaches. Same course as ART 2273.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2093 Non-Major Photography I
Description: An introduction to the use of photography as an art form. Exploration of traditional and current photographic methods with an emphasis on creating a foundational understanding of the medium's core concepts and techniques. Students will shoot, process, and print their own images, which will be discussed in critique with reference to basic photographic theory. Previously offered as ART 2803. Same course as ART 2293.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2113 Life Drawing
Prerequisites: ART 1113.
Description: Introduction to life drawing with emphasis on preliminary linear construction and structural aspects of the figure, including the study of general body proportions, rapid visualization, and figure-ground relationships.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2223 Oil Painting I
Prerequisites: ART 1113 and ART 1203 and ART 1303, or consent of instructor.
Description: The development of skills in oil painting stressing form and content, visual perception, and individual expression. Technical instruction applicable to individual problems and needs. Previously offered as ART 3123. Same course as ART 2023.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2233 Watercolor I
Prerequisites: ART 1113 , ART 1203 , ART 1303 , or consent of instructor.
Description: The development of technical skills stressing color, form, and content. Assignments cover paper preparation and support, brush handling, pigment characteristics and mixing, and all basic dry surface and wet surface painting techniques. Previously offered as ART 3133. Same course as ART 2033.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2243 Jewelry and Metals I
Prerequisites: ART 1113, ART 1303; consent of instructor.
Description: Fabrication and forming techniques for non-ferrous metals. Cold joinery, silver soldering, surface treatment and elementary stone setting. Applications toward either wearable or small scale sculptural format. Previously offered as ART 3343. Same course as ART 2043.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2253 Ceramics I
Prerequisites: ART 1113, ART 1303, or consent of instructor.
Description: Introduction to basic building techniques including wheel throwing, coiling, and slab construction, as well as slip and glaze application and a variety of firing processes. Exposure to historical and contemporary references. Emphasis on personal growth through technique and concept. Previously offered as ART 3503. Same course as ART 2013.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2263 Sculpture I
Prerequisites: ART 1113, ART 1303.
Description: Explore creative expression while learning a variety of sculptural processes and techniques. Begin developing spatial sensitivity, conceptual thinking, and critical thinking through engaging with broad contemporary art themes. Previously offered as ART 3323. Same course as ART 2063.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2273 Printmaking I
Prerequisites: ART 1113, ART 1203, ART 1303, or consent of instructor.
Description: Varied print processes, including monotypes, relief printmaking, and intaglio. Fundamental techniques of each medium that include inking, printing, editioning multiples, and both additive and subtractive approaches. Same course as ART 2073.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2283 Studio Art Digital Survey
Prerequisites: ART 1103 and ART 1303 and ART 1203 or ART 2423 and ART 2413 or by consent of instructor.
Description: This studio art course is an introduction to concepts, tools and techniques related to digital technology. Students will work specifically with digital video, sound editing, digital photography, digital imaging and printing. Projects in the course will focus on fostering an introductory to intermediate level understanding of digital technologies and formats, while allowing more advanced students to incorporate media of personal interest, such as performance, assemblage, projection, and installation, as well as other hybrid and emerging art forms.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2293 Photography I
Prerequisites: ART 1103, ART 1203 and ART 1303, or consent of instructor.
Description: An introduction to the use of photography as an art form. Exploration of traditional and current photographic methods with an emphasis on creating a foundational understanding of the medium's core concepts and techniques. Students will shoot, process, and print their own images, which will be discussed in critique with reference to basic photographic theory.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2403 Illustration I
Prerequisites: ART 1113 and 2.75 graduation/retention GPA.
Description: Introduction to historic and contemporary illustration and consideration of a wide range of illustrative styles. Required experiments with media and consideration of alternate ways of illustrating a message through conceptual and compositional variations.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2413 Typography I
Prerequisites: ART 1103 and 2.75 graduation/retention GPA.
Description: An investigation of letter forms and their characteristics and a study of spacing, leading, type selection, layout alternatives, type specification, and copy fitting. Preliminary introduction to typography as a communication medium. An understanding of typographic terminology and measuring systems while developing hand skills and introducing computer technology.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2423 Graphic Design I
Prerequisites: ART 1103 and 2.75 graduation/retention GPA.
Description: Exploration of basic design principles—line, form, and color, as visual communication. Problem solving, generation of ideas, development of concepts, and the integration of word and image. Technical and presentation skills.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 2443 Art Responds to Crisis
Description: Art Responds to Crisis explores the strategies artists have used to respond to, interpret, and critique moments of crisis and conflict. This course is open to covering a variety of temporal and regional histories. Students will explore such questions as: What is the relationship between art and politics? How does art help us process or learn about moments of historical conflict? Is art necessary during times of crisis? Students will consider how artists have visually communicated about the world during moments of conflict.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 2563 American Social Dance and Visual Culture
Description: This introductory course offers a beginning-level survey of the cultural history of social dance in North America from the eighteenth century to the present. It combines study of the history, theory, and visual/material culture of social dance with physical practice of specific dance forms. Because few comprehensive written sources exist for social dance, visual art, including film, animation, paintings, sculpture, photography, and illustration, is a vital tool for understanding historic dance and its role in American society. Over the course of the semester, we will examine the visual culture of social dance in order to gain insight into its historical functions as a tool for social cohesion, intercultural exchange, protest/activism, and identity formation, among other things. Through the practice of these dance forms, we will add an experiential component to our analysis of the roles that social dance has played in American culture over time. Same course as DANC 2563.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Art

ART 2890 Art History Honors Add-on
Prerequisites: Consent from the art department.
Description: A guided reading and research program ending with an honors credit under the direction of a faculty member. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Honors Credit

ART 3110 Life Drawing Studio
Prerequisites: ART 2113 or consent of instructor.
Description: The development of formal and expressive aspects of drawing by direct observation of the figure and its environment. Emphasis on media experimentation, aesthetic considerations, personal concepts, and anatomy. Offered for fixed credit, 3 credit hours, maximum repeat 9.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3213 Public and Installation Art
Prerequisites: ART 1303 or permission of instructor.
Description: Intermediate level course that offers students the opportunity to explore mixed media and multi-media art production through site-sensitive and site specific projects. Lectures will include contemporary and historical examples. Students will have access to a tool shop with instruction and assistance provided. Projects are designed and created for sites outside of the classroom, allowing for individual exploration based upon interests.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Art

ART 3223 Oil Painting II
Prerequisites: "C" or better in ART 2223 or ART 2023 or consent of instructor.
Description: Oil Painting with emphasis on personal development of visual ideas and techniques.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3233 Watercolor II
Prerequisites: "C" or better in ART 2233 or ART 2033 or consent of instructor.
Description: Stresses continued growth of technical skills with an emphasis on the individual development of ideas and imagery.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3243 Jewelry And Metals II
Prerequisites: ART 2243 or ART 2043 or consent of instructor.
Description: Development of technical skills and ideas through assigned projects. Metalworking processes include casting, advanced stone setting, hinge making, and forming of metal.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3253 Ceramics II
Prerequisites: "C" or better in ART 2253 or ART 2013 or consent of instructor.
Description: Focus on either hand building or throwing techniques. Development of personal expression and technical proficiency with the material and advanced firing and glazing processes. Emphasizing contemporary ceramic issues as well as broader art concepts.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3263 Sculpture II
Prerequisites: "C" or better in ART 2263 or ART 2063 or consent of instructor.
Description: Builds on the themes, processes, and materials explored in Sculpture I. Coursework fosters experimentation to allow discovering artistic values through course projects while advancing spatial sensitivity, conceptual thinking, and critical thinking. Emphasizes historical context and contemporary art practices, allowing students to engage in critical dialogue. Previously offered as ART 3333.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3273 Printmaking II
Prerequisites: "C" or better in ART 2273 or ART 2073 or consent of instructor.
Description: Development of technical skills and ideas through assigned projects. Intaglio processes include aquatint, softground, and multiple color work. Relief processes include reduction with stencils and multiblock. Litho techniques with permission of instructor.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3293 New Genres in Studio Art
Prerequisites: ART 2283.
Description: This course is a continuation of the Studio Art Digital Survey course. New Genres is a continued, more advanced exploration of the concepts, techniques, and history of non-traditional art forms. Students will work in experimental and interdisciplinary ways with non-traditional media such as video, sound, photography, performance, writing, assemblage, and installation. Course previously offered as ART 3283.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3383 Digital Imaging
Prerequisites: ART 2283 or ART 2423 and ART 2433 or by consent of instructor.
Description: This studio art course is a continuation of the concepts, tools, and techniques related to digital technology. Students will work specifically with digital photography, digital imaging and printing. Projects in the course will focus on fostering an intermediate level understanding of digital technologies and alternate process printing formats, while allowing more advanced students to incorporate media of personal interest.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3393 Photography II
Prerequisites: "C" or better in ART 2293 or ART 2803 or ART 2093 or consent of instructor.
Description: A further exploration of the creative opportunities in photography. Students will build on the basic understanding of the medium acquired in the introductory course, and respond to assigned aesthetic and conceptual problems. In this intermediate course, students will begin to articulate ideas visually and refine their technical skills in camera operation, digital imaging software, and large format printing.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3403 Illustration II
Prerequisites: ART 2403, ART 2413, ART 2423 and portfolio review.
Description: Exploration of illustrative solutions to maximize visual interest via varied viewpoints, concepts and altered reality. Projects involving different career areas within the field of illustration. Requirements and advantages of each area.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3413 Typography II
Prerequisites: ART 2413, ART 2423 and portfolio review.
Description: Exploration of typographic communication through a variety of problems. Type as the visual solution with emphasis on its functional, decorative, and creative applications. Solution of more complex typographic problems, dealing with a large body of information via the development of grid systems.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3423 Graphic Design II
Prerequisites: ART 2413, ART 2423, and portfolio review.
Description: Use of computer and traditional methods to enhance production skills and solution of design projects from concept to the comprehensive. Evaluation and design of symbols and logos and their various applications, leading to an understanding of system design. Introduction to graphic design production and the preparation of art for reproduction.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3453 Motion Design I
Prerequisites: ART 2413, ART 2423 and portfolio review.
Description: Introduction to the basic concepts and techniques of motion design as visual communication. Students are introduced to the technical skills and critical thinking necessary for executing creative motion graphics intended to be experienced via electronic media, with an emphasis on typography, composition and design principles.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3463 Interaction Design I
Prerequisites: ART 2413, ART 2423 and portfolio review.
Description: Introduction to the basic concepts and techniques of interaction design as visual communication. Use of computer software to execute interactive design work intended to be experienced via electronic media, with an emphasis on typography, functionality and design principles.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 3513 Analyzing Visual Culture
Description: This course covers the fundamentals of analyzing art and visual culture, with a focus on developing writing skills. Appropriate for students in art history, visual arts and design, screen studies, media studies, and other humanities fields. Course will also introduce research methods and examine select critical theories.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3543 Leonardo, Art, And Science (H)
Description: Explores the deeply entwined fields of Renaissance art and science through the lens of Leonardo's extraordinarily diverse body of work. This course will consider the broader context of anatomical study, alchemy, early modern medicine, technological innovation, and psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3553 Fashioning and Self Fashioning: The Renaissance Portrait (H)
Description: Exploration of portraits created in Europe during the Renaissance. Addresses self-fashioning and artifice and the portrait as the collaborative product of artist, patron and subject.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3563 History of Prints and Printmaking
Description: A survey of graphic art primarily focused on Europe and the United States, from the 15th - 20th centuries. Relief, intaglio, lithography, photography, and other graphic media. Previously offered as ART 4623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3573 History of Photography (H)
Description: An introduction to the history of photography from its beginnings in the early nineteenth century to the present. Emphasis will be on art and documentary photography in Europe and the United States. Photographs will be studied for their aesthetic, technical, cultural, and scientific purposes. The primary goal of the course is to promote critical and theoretical thinking about photographic images, their meaning, and impact on society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3583 Introduction to Museum and Curatorial Studies (H)
Description: Historical and theoretical introduction to museum and curatorial studies. Topics include museum ethics, the function of the curator, and the changing role of the museum. Same course as HIST 3593. Previously offered as ART 2643.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3600 Writing Methods In Art History
Prerequisites: Consent of instructor.
Description: A supervised research and writing project, typically concurrent with enrollment in an upper division art history course. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 3603 History of Classical Art (H)
Description: Stylistic, philosophical, and formal qualities of art in the Classical world. The creation of the Greek ideal and its dissemination in the Roman world through architecture, sculpture, and painting.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3623 History of Italian Renaissance Art (H)
Description: Architecture, sculpture, and painting in Italy, c.1300-1580. Major artists in their local contexts (e.g. Leonardo in Milan, Michelangelo in Florence, and Titian in Venice).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3633 History of Baroque Art (H)
Description: Art in 17th century Europe. Architecture, sculpture and painting of the Catholic Reformation (e.g. Caravaggio and Bernini in Italy, Velasquez in Spain, Rubens in Flanders), concluding with painting in non-sectarian, Protestant Netherlands (Rembrandt and Vermeer).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3643 History of Graphic Design
Description: Evolution of graphic communication from prehistoric times to the present. Investigation of the origins of printing and typography in Europe leading to the design of the printed page, the impact of industrial technology upon visual communication and the study of the growth and development of modern graphic design.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3653 History of 19th Century Art (H)
Description: Art of 19th century Europe-ideals, conflicts, escapes, and triumphs, beginning with the French Revolution and ending in 1900.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3663 History of American Art (DH)
Description: Visual arts in America from the Colonial period to the present. Major styles, ideas and uses of material in architecture, painting, sculpture, and design. Same course as AMST 3673.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

ART 3673 History of Northern Renaissance Art
Description: Art in Northern Europe, c. 1200-1550. Emphasis on panel painting in the Netherlands (e.g. Van Eyck, Bosch), and book illustration in Germany (Durer).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3683 History of 20th Century Art (GH)
Description: Beginning with the birth of "modernism" in the late 19th century, exploration of the fast-changing artistic styles of the 20th century: abstraction, expressionism, fantasy, realism, surrealism, and social protest. Emphasis on the relationship of art and 20th century society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ART 3693 Survey of Asian Art (H)
Description: Arts of India, China, Japan and related countries in their historical and cultural settings. Traditions of painting, sculpture and architecture from their beginnings to the modern period. Same course as ART 2693.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3713 Early Medieval Art: Saints, Martyrs, Pagans (H)
Description: Examination of the visual culture (sculpture, manuscripts, architecture, etc.) of the multicultural early Middle Ages in Europe and the wider Mediterranean world, from roughly 400 to 1050; includes Early Christian, Islamic, Byzantine, Germanic, Carolingian, Ottonian, and Anglo-Saxon artistic production.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3723 Court and Cloister: Medieval Art 1050-1400 (H)
Description: Examination of the visual culture (sculpture, manuscripts, architecture, etc.) of the later Middle Ages in Europe and the wider Mediterranean world, from roughly 1050 through 1400; includes Islamic, Byzantine, Romanesque, and Gothic artistic production. Course previously offered as ART 3613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3733 History of Latin American Art I
Description: An overview of Latin American visual culture from the Precolumbian period to the present. We consider Maya, Aztec, and Inca cultures, the colonial arts of Spanish America, the South American avante garde, Mexican muralism and surrealism, and contemporary video, performance and installation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3743 History of Latin American Art II (GH)
Description: Exploration of modern Latin American Art, beginning with academic painting and emerging nationalisms in the nineteenth century and continuing through Mexican Muralism, modern art movements in South America, and contemporary painting, film, video, performance, and installation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ART 3753 The Arts of Spain and the Spanish World (H)
Description: The art and culture of Spain and the Spanish world, including Paleolithic art, Renaissance and Baroque works from the Iberian Peninsula and American viceroyalties, and ending with Picasso and Miro.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 3763 Art Travel Course
Description: Art courses involved with the participation of a formal or informal travel experience outside the state.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3773 History of African American Art
Description: The history of African American visual arts and material culture. Topics might include black visual artists and movements, black art criticism, global contexts, and museum practices in relation to African American artists and/or artists of the African diaspora.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3800 Special Topics in Art History
Description: Art history course on special subjects and various issues. Offered on campus. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 3890 Art History Honors Course
Prerequisites: Consent from the Art Department.
Description: Departmental invitation, Honors Program participation. A guided reading and research program ending with an honors under the direction of a faculty member. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Honors Credit

ART 4053 Alternative Photography
Prerequisites: ART 3393, Photography II.
Description: This photography course provides an introduction to traditional photographic processes such as silver gelatin, salt prints, cyanotype, Van Dyke, and gum bichromate. Students will learn a variety of analog photographic processes as avenues to explore current questions in the medium. Through a series of assigned readings and regular critiques, students will consider their projects from a contemporary art perspective.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4100 Drawing Studio
Prerequisites: ART 1113 and ART 1203 and ART 2113.
Description: An open medium investigation of drawing concepts, stressing personal thematic development, experimentation, and individually designed imagery. Offered for fixed credit, 3 credit hours, maximum repeat 9.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4211 BFA Studio Capstone Exhibition
Prerequisites: Must have passed the BFA Studio Capstone Exhibition Review, must have consent of instructor.
Description: Provides individual guidance and instruction necessary for mounting the BFA Studio Capstone Exhibition. This exhibition is the culminating event of the studio major's studies and a final preparation for a career in the studio arts. Enrollment must occur during the semester in which the BFA Studio Capstone Exhibition is to be mounted.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4213 BFA Studio Capstone
Prerequisites: ART 2003, and concurrent enrollment in upper-division studio art course, or consent of instructor.
Description: The purpose of this course is to provide students with the knowledge they need to make a career in art. Using the art they are preparing for the BFA Studio Capstone Exhibition, students will develop presentation and marketing materials in line with the professional standards of the field. They will be taught how to find, recognize and pursue artistic opportunities. Previously offered as ART 4210.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4220 Oil Painting Studio
Prerequisites: ART 3223.
Description: Oil painting with emphasis on continuing personal development of visual ideas and techniques. Course previously offered as ART 4120. Offered for fixed credit, 3 credit hours, maximum repeat 9.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4223 BA Studio Capstone
Prerequisites: ART 2003 and senior standing or consent of instructor.
Description: The course provides guided assistance to BA Studio Art students in developing a professional portfolio as it relates to their career interests in the arts. Previously offered as ART 4110.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4230 Watercolor Studio
Prerequisites: ART 3233.
Description: Stresses continued growth of personal imagery with an emphasis on the development of a consistent body of work and professional portfolio. Course previously offered as ART 4130. Offered for fixed credit, 3 credit hours, maximum repeat 12.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4240 Jewelry and Metals Studio
Prerequisites: ART 3243.
Description: Emphasis on further development of personal concepts and technical skills through assigned and individual oriented projects. Broad-based exploration of advanced metalworking processes with emphasis on individual students' direction and technical needs. Course previously offered as ART 4340. Offered for fixed credit, 3 credit hours, maximum repeat 12.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4250 Ceramics Studio
Prerequisites: ART 3253.
Description: Intended for students who want to specialize in the ceramic field of art. Will include sophisticated techniques of clay, glaze and firing methods. Emphasis on creation of a unique, well researched, aesthetically concise, and technically successful body of work. Course previously offered as ART 4500. Offered for fixed credit, 3 credit hours, maximum repeat 12.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4260 Sculpture Studio
Prerequisites: ART 3263.
Description: A broad-based course which allows students to pursue individual interests using a variety of materials and processes. Emphasis on further development of concepts, skills, and techniques. Course previously offered as ART 4330. Offered for fixed credit, 3 credit hours, maximum repeat 12.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4270 Printmaking Studio
Prerequisites: ART 3273 and proficiency review or consent of instructor.
Description: A broad-based course which allows students to pursue individual interests using a variety of printmaking materials and processes. Emphasis on further development of concepts, skills and techniques. Offered for fixed credit, 3 credit hours, maximum repeat 12.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4280 Photography Studio
Prerequisites: ART 3393 or consent of instructor.
Description: The development of a personal artistic expression using photography. Through a combination of assigned and self-directed projects, this advanced course focuses on the continued development of conceptual aptitude and technical skills. The emphasis is on developing a creative body of work and engaging current and theoretical trends in the medium. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4420 Graphic Design Studio
Prerequisites: ART 3423 or consent of instructor.
Description: Design and production of projects suited to the professional portfolio. Discussion of practical issues including career options, resume and portfolio preparation, and interview techniques. Offered for fixed credit, 3 credit hours, maximum repeat 9.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4430 Illustration Studio
Prerequisites: ART 3403, ART 3443 or consent of instructor.
Description: Conceptual development and production of illustrations in series. Development of individual style and assembly of a professional and consistent portfolio. Offered for fixed credit, 3 credit hours, maximum repeat 9.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4450 Motion Design Studio
Prerequisites: Consent of instructor.
Description: Exploration of motion design as visual communication. Development of technical skills and critical thinking necessary for executing creative motion graphics portfolio work intended to be experienced via electronic media, with an emphasis on conceptual development and application of design principles. Course previously offered as ART 4453. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4460 Interaction Design Studio
Prerequisites: ART 3453 or consent of instructor.
Description: Exploration of the visual and technical aspects of interaction with various electronic platforms to design effective graphical user interfaces. Emphasis on quantitative and qualitative research, process, and traditional graphic design methods for creating user-centered digital environments. Offered for fixed credit, 3 credit hours, maximum repeat 9.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4493 Portfolio Capstone
Prerequisites: Senior standing and consent of instructor.
Description: Final preparation of a professional portfolio, culminating in an extensive design project and the design, organization and production of an exhibition of work. Professional study on setting fees, writing contracts, working with an agent and other business practices.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4583 Rome: The Eternal City in Art and Film (H)
Description: The idea of Rome as seen through ancient and modern visual culture. Course begins with the Augustan propaganda machine and subsequently considers the most significant imperial image-makers to follow. A major portion of the course will be devoted to more recent and modern projections of the city, from Mussolini's New Rome to Fellini's Roma. No credit for students with credit in ART 5583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 4593 Art of Conversion: 16th Century Art in Mexico (H)
Description: Art and architecture of the sixteenth century, including mission architecture, early altar-screens, the effect of European imports on native art production, and the role of confraternities and public ceremonies on contact-period culture. No credit for students with credit in ART 5593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 4603 History of Ancient Egyptian Art
Description: Broad survey of ancient Egyptian art and architecture from Pre-dynastic to the beginning of the Christian Era under Roman rule (4000 B.C.-320 A.D.). Discussion within the context of religious meaning and overall cultural development of ancient Egypt.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4613 Art Since 1960
Description: This course explores some of the artistic, conceptual, and theoretical developments in art since 1960. Course covers major trends in art history—including Minimalism, Pop, Performance, and Conceptual Art, Social Practice, and more. Students will consider many of the socio-political issues relevant to the study of global contemporary art. May not be used for degree credit with ART 5613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4653 History of Indian Art
Description: The history and culture of South Asia (India and Pakistan) are explored through its arts —architecture, sculpture, painting, and design.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4663 History of Chinese Art (H)
Description: The arts of China in their historical, cultural, religious, and social context. Painting, sculpture, architecture, porcelain, furniture, and decorative arts. No credit for students with credit in ART 5663.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures

ART 4673 History of Japanese Art
Description: Critical social, religious, and historical issues in the arts of Japan. Painting, sculpture, architecture, landscape architecture, prints, and decorative arts. No credit for students with credit in ART 5673.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4683 Modern and Contemporary Art in Asia
Description: Modern and contemporary art in Asia. Special attention to the role of race, gender, and social class on artistic production. May not be used for degree credit with ART 5683.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4693 Gender And Visual Culture
Description: Explores themes and issues surrounding gender in relation to art history and visual culture more broadly. Topics may include artists and creators, sexuality, the body, eroticism, historicizing gender, feminism and feminist theory, etc. No credit for students with credit in ART 5693.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4703 Art East and West: Biases and Borrowings
Description: Explores the complicated interaction, cultural borrowings and responses on many levels of two major world systems, the "West" (Europe and America) and the "East" (South and East Asia). Beginning with the development of the sea trade in the 16th century, the course will study, through works of art, the effect of history, politics, religious struggles, economics, trade and ethnic biases on the cultures of East and West. No credit for students with credit in ART 5703.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Art

ART 4713 The Visual Culture of the Islamic World (GH)
Description: Examines the visual culture, including art and architecture, of the Islamic world, dating from the inception of Islam in seventh-century Arabia through today. No credit for students with credit in ART 5713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ART 4723 History of Museums and Collecting
Description: Investigation of the history of museums and collecting practices in Western Europe and the United States from the sixteenth century to the mid-20th century. Same course as ART 5723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4733 Museum Education
Prerequisites: ART 1513 or ART 2643 or by permission of instructor.
Description: Introduction to the major topics in museum education, including how object based learning is used with individuals and groups. Addresses the major pedagogical issues surrounding the use of art and other objects in museums. May not be used for degree credit with ART 5733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4763 Native American Art and Material Culture
Description: Survey of the history and material production of the Native American tribes living within the boundaries of the continental United States and Canada. Focus on basic concepts and primary issues related to tribes of the major geographical areas: the woodland areas, which includes the Northeast and Great Lakes area, the Southeast, the Great Plains, the Southwest, the Plateau and West Coast, and the Northwest Coast. No credit for students with credit in ART 5763.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4783 Rembrandt Van Rijn
Prerequisites: ART 1503 or ART 1515 or ART 1603 or by permission of instructor.
Description: The Dutch artist Rembrandt van Rijn (1606-1669) was one of the most important and innovative painters and printmakers of the seventeenth century. This course will acquaint students with both his extensive body of work and the central critical issues that interest scholars today. Same course as ART 5783.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4793 Architecture and Space in East Asia
Description: History of Architecture in East Asia from the traditional Chinese timber frame to the 20th century. Will address how architecture delivers political ideologies and structures social relationships, both symbolically and in practice. May not be used for degree credit with ART 5793.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4800 Special Studies in Art
Prerequisites: Junior standing and consent of instructor.
Description: Courses in media exploration, special subjects and current issues. Offered on campus or through extension workshops. Offered for variable credit, 1-3 credits, max 9.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4810 Museum Internship
Description: An on-site museum experience, including exhibition selection and preparation, collection cataloging and research, and museum administration. Offered for variable credit, 1-3 credits, max 9.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4813 Museum Exhibition
Description: Designing an exhibition that draws on the Oklahoma State University art collection. Includes museum history, theory, and curatorial practice. Same course as ART 5813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4820 Graphic Design Internship
Prerequisites: ART 3403 or ART 3423 and consent of instructor.
Description: An on-site graphic design work experience that provides professional practice under the supervision of a design professional. Offered for variable credit, 1-6 credits, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4830 Apprenticeship
Description: Professional opportunity to work with artists of national and international reputation. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4840 Studio Art Internship
Prerequisites: Formal written approval of Studio Art faculty sponsor and on-site supervisor.
Description: The studio art internship provides direct occupational experience in a professional arts related work environment under the direct supervision of a professional or someone of significant stature in an arts related field. A final associated paper/project is required. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4850 Special Topics in Graphic Design
Prerequisites: ART 3423 and ART 4420 or ART 4450 or ART 4460.
Description: Course in graphic design and design media exploration, current practices, and contemporary issues. Includes specific topics such as: advanced typography, (lettering, typeface design), exhibition design, way-finding and navigational graphics, design writing workshop, magazine design, new media tools, and creative coding. Offered on campus or through extension workshops. May not be used for degree credit with ART 5850.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art

ART 4860 Art History Seminar
Description: Art history seminar courses on special subjects and various issues. Open to major and non-major students. May not be used for degree credit with ART 5860. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4900 Directed Study In Art
Prerequisites: Junior standing and written permission of department head.
Description: Self-designed special topics in studio art or graphic design. By contract only. May not be used for degree credit with ART 5900. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4910 Directed Study in Art History
Prerequisites: Junior standing and written consent of department head.
Description: Self-designed special topics in art history. By contract only. May not be used for degree credit with ART 5910. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4920 Art History Symposium
Prerequisites: ART 4943.
Description: Specifically for art history majors, and typically taken during the student's final year. Students participate in a public presentation of a research paper prepared in ART 4943 (Art History Senior Capstone). Special attention is given to argument, methodology, visual, and overall presentation. Offered for fixed credit, 1 credit hour. Graded on a pass/fail basis.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Art

ART 4933 Art in Context
Prerequisites: One hour of ART 3600.
Description: Designed specifically for art history majors, and typically taken during the junior year, this course examines select critical theories and their methodological application.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4943 Art History Senior Capstone
Prerequisites: ART 1503, ART 1513, Art 2573, and one 3000- or 4000-level Art History course.
Description: Designed specifically for art history majors, and typically taken during the senior year, this course guides students through the research, writing, and presentation of a capstone research paper. Additional topics may include career preparation and professional development.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4973 20th Century Chinese Art
Description: This course will explore the ways in which Chinese artists of the 20th century have defined China's history and culture.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Art

ART 4993 Senior Honors Project
Prerequisites: Departmental invitation, Senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis or project under the direction of a faculty member. Required for graduation with departmental honors in art.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Art
General Education and other Course Attributes: Honors Credit

ART 5000 Art History Master's Thesis
Description: Independent study course intended to provide guidance for research and writing of MA Thesis in art history. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5013 Theory and Methods in Art History
Description: This course examines the field of art history in terms of its historiography, research methods, critical frameworks and theoretical underpinnings. Students are expected to develop and articulate their own theoretical and methodological position in the context of and with explicit reference to contemporary praxis and theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5280 Graduate Photography
Prerequisites: Graduate Standing.
Description: The development of a personal artistic expression using photography and related media. Through a combination of assigned and self-directed projects, this advanced course focuses on the continued development of conceptual aptitude and technical skills. The emphasis is on developing a creative body of work and engaging current and theoretical trends in the medium.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5400 Graduate Study: Graphic Design Thesis
Description: Independent inquiry based on an original idea associated with a student's chosen area of concentration under the direction and supervision of a major professor and graduate thesis committee. Thesis requires the definition of a graphic design problem, research of case studies and visual works relevant to the thesis topic, and the creation of an outline for the thesis. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5410 Graduate Graphic Design Internship
Description: On-site, graphic design work experience that provides graduate level students with professional practice under the supervision of a design professional. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5413 Graduate Teaching Practicum in Graphic Design
Description: This course is intended to provide graduate graphic design students seeking a career in higher education with university-level teaching methods and professional practices of curriculum development, syllabus writing, clarity of thinking, and various components of professional papers and presentations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5420 Graduate Graphic Design Studio
Description: Introduction to the advanced concepts and techniques of graphic design as visual communication. Graduate students are introduced to the critical thinking necessary and technical skills for executing creative graphics work intended to be experienced via print media, with an emphasis on typography, composition and design principles. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.
Credit hours: 3-6
Contact hours: Lab: 6-12 Contact: 6-12
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5423 Graduate Study in Graphic Design History
Description: This course builds on foundational knowledge of graphic design history. Emphasis is placed on in-depth review and analysis of ground breaking design movements and perspectives, from modernism to contemporary era. Lectures, readings, research and other course activities will bring forth critical understanding of the relationship of history, design and culture as interconnected thread throughout time.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5440 Graduate Special Topics in Graphic Design
Description: Application of graphic design processes utilizing hybrid media and forms to address research topics. Emphasis on creative approaches to concept-driven design projects and development of a theoretical framework appropriate for graduate level work. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.
Credit hours: 3-6
Contact hours: Lecture: 3-6 Contact: 3-6
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5450 Graduate Motion Design Studio
Description: Exploration of motion design as visual communication. Development of technical skills and critical thinking necessary for executing creative motion graphics portfolio work intended to be experienced via electronic media, with an emphasis on conceptual development and application of design principles. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.
Credit hours: 3-9
Contact hours: Lab: 6-18 Contact: 6-18
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5460 Graduate Interaction Design Studio
Description: Exploration of the visual and technical aspects of interaction with various electronic platforms to design effective graphical user interfaces. Emphasis on quantitative and qualitative research, process and traditional graphic design methods for creating user-centered digital environments. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.
Credit hours: 3-9
Contact hours: Lab: 6-18 Contact: 6-18
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5470 Graduate Study in Graphic Design
Description: Intensive graduate course of study in the fundamentals of graphic design. The course emphasizes research and analysis and the design processes that lead to creative conceptualization and final design solutions. Students are expected to demonstrate sophisticated design decisions and appropriate design solutions that demonstrate a high level of expertise and achievement to be experienced via print media. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.
Credit hours: 3-9
Contact hours: Lab: 6-18 Contact: 6-18
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5480 Graduate Study in Motion Design
Description: Graduate level course in motion design (also referred to as motion graphics). This course provides students with the opportunity to conduct research, develop advanced technical skills and apply critical thinking to graphic design using time based media. Students will explore the role motion design plays in shaping meaning and contributing to visual culture. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.
Credit hours: 3-9
Contact hours: Lab: 6-18 Contact: 6-18
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5490 Graduate Study in Interaction Design
Description: Interaction Design, as it relates to the field of Graphic Design, is the creation of a dialogue between a person and a product, system, or interplay between form, function, and technology as experienced over time. Students will explore the role of graphic design while conducting sound research in a variety of disciplines such as psychology, communication theory, and sensory integration. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.
Credit hours: 3-9
Contact hours: Lab: 6-18 Contact: 6-18
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5583 Rome Eternal City
Description: The idea of Rome as seen through ancient and modern visual culture. Course begins with the Augustan propaganda machine and subsequently considers the most significant imperial image-makers to follow. A major portion of the course will be devoted to more recent and modern projections of the city, from Mussolini's New Rome to Fellini's Roma. No credit for students with credit in ART 4583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5593 Art of Conversion: 16th Century Art in Mexico
Description: Art and architecture of the sixteenth century, including mission architecture, early altar-screens, the effect of European imports on native art production, and the role of confraternities and public ceremonies on contact-period culture. No credit for students with credit in ART 4593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5613 Art Since 1960
Description: This course explores some of the artistic, conceptual, and theoretical developments in art since 1960. Course covers major trends in art history-including Minimalism, Pop, Performance, and Conceptual Art, Social Practice, and more. Students will consider many of the socio-political issues relevant to the study of global contemporary art. May not be used for degree credit with ART 4613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5663 History Of Chinese Art
Description: Critical social, religious, and historical issues in the arts of China. Painting, sculpture, architecture, porcelain, furniture, and decorative arts. No credit for students with credit in ART 4663.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Graduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Art

ART 5673 History of Japanese Art
Description: Critical social, religious, and historical issues in the arts of Japan. Painting, sculpture, architecture, landscape architecture, prints, and decorative arts. No credit for students with credit in ART 4673.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Graduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Art

ART 5683 Modern and Contemporary Art in Asia
Description: Modern and contemporary art in Asia. Special attention to the role of race, gender, and social class on artistic production. May not be used for degree credit with ART 4683.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5693 Gender and Visual Culture
Description: Explores themes and issues surrounding gender in relation to art history and visual culture more broadly. Topics may include artists and creators, sexuality, the body, eroticism, historicizing gender, feminism and feminist theory, etc. No credit for students with credit in ART 4693.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5703 Art East and West: Biases and Borrowings
Prerequisites: Instructor permission.
Description: Explores the complicated interaction, cultural borrowings and responses on many levels of two major world systems, the "West" (Europe and America) and the "East" (South and East Asia). Beginning with the development of the sea trade in the 16th century, the course will study, through works of art, the effect of history, politics, religious struggles, economics, trade and ethnic biases on the cultures of East and West. No credit for students with credit in ART 4703.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Graduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Art

ART 5713 Islamic Visual Culture
Description: Examines the visual culture, including art and architecture, of the Islamic world, dating from the inception of Islam in seventh-century Arabia through today. No credit for students with credit in ART 4713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5723 History of Museums and Collecting
Prerequisites: Graduate standing.
Description: Investigation of the history of museums and collecting practices in Western Europe and the United States from the sixteenth century to the mid-20th century. Same course as ART 4723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5730 Practicum in Curatorial Practice
Prerequisites: Graduate standing.
Description: Curatorial experience under the supervision of a museum and curatorial studies certificate program faculty member. Students will assist in the conceptualization, research and organization of an existing curatorial project or create one of their own. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5733 Museum Education
Prerequisites: Graduate standing.
Description: Introduction to the major topics in museum education, including how object-based learning is used with individuals and groups. Addresses the major pedagogical issues surrounding the use of art and other objects in museums. Same course as ART 4733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5763 Native American Art and Material Culture
Prerequisites: Permission of instructor.
Description: Survey of the history and material production of the Native American tribes living within the boundaries of the continental United States and Canada. Focus on basic concepts and primary issues related to tribes of the major geographical areas: the woodland areas, which includes the Northeast and Great Lakes area, the Southwest, the Great Plains, the Southwest, the Plateau and West Coast, and the Northwest Coast. No credit for students with credit in ART 4763.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5783 Rembrandt Van Rijn
Prerequisites: Graduate student standing.
Description: On-site museum experience, including exhibition selection and preparation, collection cataloging and research, museum education, and museum administration.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5793 Architecture and Space in East Asia
Description: History of Architecture in East Asia from the traditional Chinese timber frame to the 20th century. Will address how architecture delivers political ideologies and structures social relationships, both symbolically and in practice. May not be used for degree credit with ART 4793.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5810 Museum Studies Internship
Prerequisites: Graduate student standing.
Description: On-site museum experience, including exhibition selection and preparation, collection cataloging and research, museum education, and museum administration. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5813 Museum Exhibition
Prerequisites: Graduate standing or permission of instructor.
Description: Designing an exhibition that draws on the Oklahoma State University art collection. Includes museum history, theory, and curatorial practice. Same course as ART 4813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5850 Special Topics in Graphic Design
Description: Course in graphic design and design media exploration, current practices, and contemporary issues. Includes specific topics such as: advanced typography, (lettering, typeface design), exhibition design, way-finding and navigational graphics, design writing workshop, magazine design, new media tools, and creative coding. Offered on campus or through extension workshops. May not be used for degree credit with ART 4850. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Graduate
Schedule types: Lab
Department/School: Art

ART 5860 Art History Seminar
Description: Art history seminar courses on special subjects and various issues. Open to major and non-major students. May not be used for degree credit with ART 4860. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

ART 5900 Graduate Studies in Art
Prerequisites: BA, BFA or 15 upper-division hours in a discipline; consent of instructor.
Description: Projects in art with emphasis on portfolio preparation. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5910 Graduate Studies in Art History
Prerequisites: BA, BFA or 15 upper-division hours in art history; consent of instructor.
Description: Advanced research in art history. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5920 Art History Graduate Seminar
Description: Special topics graduate seminar in art history. Offered for variable credit, 3-12 credit hours, maximum of 12 credit hours.
Credit hours: 3-12
Contact hours: Contact: 3-24 Other: 3-24
Levels: Graduate
Schedule types: Independent Study
Department/School: Art

ART 5973 20th Century Chinese Art
Description: This course will explore the ways in which Chinese artists of of the 20th century have defined China's history and culture. May not be used for degree credit with ART 4973.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Art

Undergraduate Programs

- Art: Art History, BA (p. 1081)
- Art: Graphic Design, BFA (p. 1085)
- Art: Studio Art, BA (p. 1089)
- Art: Studio, BFA (p. 1093)

Graduate Programs

The Department of Art, Graphic Design and Art History offers an MA Program in Art History.

The Master of Arts Degree in Arts History

This program differs from most traditional art history programs through its emphasis on intercultural connections, globalism and transnationalism. The program includes a broad geo-cultural spectrum with six full-time faculty members who specialize in the art of the Americas, Europe and Asia. In partnership with the OSU Museum of Art, Postal Plaza Gallery and the Gardiner Gallery of Art in the Bartlett Center, students may also take coursework and gain hands-on training in museum and curatorial studies. The MA degree requires a minimum of 30 hours of graduate coursework, a thesis and a defense. Students will select two geographic areas of concentration within the five currently offered in the Department of Art, one to be the major area and the other the minor (the current areas are Europe, United States, Latin America, East Asia, and the Islamic World). A selection of courses, both lecture and seminar, will be taken in these areas. At least one course outside the department will be in the major area. Generally, the master's thesis will relate to the cultural connections between the major and minor areas. There is also a 36-credit non-thesis option. An additional museum and curatorial studies graduate certificate is also available as an option to students.

Art History Admission Requirements

All applicants must complete the online application (including the submission of transcripts, fee, and for international students, TOEFL scores), to be found at grad.okstate.edu (http://gradcollege.okstate.edu). In addition, applicants should also submit three letters of recommendation, a statement of purpose and a writing sample (5-10 pages; an excerpt from a longer work is acceptable). Prerequisites include five undergraduate courses in art history; foreign language experience is also recommended. While many applicants will have majored in art history, the MA program welcomes applications from graduates with bachelor's degrees in other fields. MA students may take prerequisites during the program; however, they will not count toward the 30 hours required for graduation.

The Master of Fine Arts in Graphic Design

This program specializes in a unique combination of Interaction Design, Motion Design and Visual Communication. Interaction Design and Motion Design in particular are among the most rapidly expanding areas in the

field of graphic design. This is a three-year, sixty credit hour, terminal degree that will develop students' expertise as graphic designers in Interaction Design and Motion Design, while developing their research, presentation and writing skills. MFA graduates will be able to respond to both the creative demands of the graphic design profession and the research and teaching requirements of academia.

Graphic Design Admission Requirements

All applicants must complete the online application (including the submission of transcripts, fee, and for international students, TOEFL scores), to be found at grad.okstate.edu (https://gradcollege.okstate.edu). In addition, applicants should also submit three letters of recommendation, a statement of purpose and a portfolio of 15 to 20 examples of work.

Minors

- Art History (ARTH), Minor (p. 1080)
- Graphic Design (GRPH), Minor (p. 1097)
- Pre-Art Therapy (PART), Minor (p. 1098)
- Studio Art (STDA), Minor (p. 1099)

Faculty

Andy Mattern, MFA—Department Head
Professors: Jennifer Borland, PhD; Rebecca Brienen, PhD; Kirsten Olds, PhD; Brandon Reese, MFA; Liz Roth, MFA
Associate Professors: Pouya Jahanshahi, MFA; Andy Mattern, MFA; Nick Mendoz, MFA; Justen Renyer, MFA; Jessica Teckemeyer, MFA; Ting Wang-Hedges, MFA; Shaoqian Zhang, PhD
Assistant Professors: Karen Greenwalt, PhD; Nijal Munankarmi, MFA; Ben Murphy, MFA
Teaching Associate Professors: Jenny Ramirez, PhD; Priscilla Schwarz, PhD
Teaching Assistant Professors: Robin Baker, MFA; Marika Christofides, MFA

Art History (ARTH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Ulrike Schoenknecht, 408 BC, 405-744-4064

Total Hours: 15

Code	Title	Hours
Minor Requirements		
Choose 5 courses of Art History, of which at least 9 hours must be upper-division.		15
ART 1503	Art History Survey to 1400 (H)	
ART 1513	Art History Survey Since 1400 (H)	
ART 1603	Introduction to Global Art (H)	
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (GH)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (GH)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (GH)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Total Hours		**15**

Other Requirements

- GPA of 2.5 with no grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Art: Art History, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F)		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 3.00 GPA in all Art History courses [1]		
Minimum grade of "C" in all ART courses		
Art History Core		
ART 1503	Art History Survey to 1400 (H)	3
ART 1513	Art History Survey Since 1400 (H)	3
ART 3513	Analyzing Visual Culture	3
ART 4943	Art History Senior Capstone	3
ART 4920	Art History Symposium (Specifically for art history majors, and typically taken during the student's final year. Students participate in a public presentation of a research paper prepared in ART 4943 (Art History Senior Capstone). Special attention is given to argument, methodology, visual, and overall presentation.)	1
Art History Electives		
Select 24 hours (18 hours must be upper-division) from:		24
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (GH)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (GH)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	

ART 4603	History of Ancient Egyptian Art
ART 4613	Art Since 1960
ART 4653	History of Indian Art
ART 4663	History of Chinese Art (H)
ART 4673	History of Japanese Art
ART 4683	Modern and Contemporary Art in Asia
ART 4693	Gender And Visual Culture
ART 4703	Art East and West: Biases and Borrowings
ART 4713	The Visual Culture of the Islamic World (GH)
ART 4723	History of Museums and Collecting
ART 4733	Museum Education
ART 4763	Native American Art and Material Culture
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ART 4830	Apprenticeship
ART 4910	Directed Study in Art History
ART 4920	Art History Symposium
ART 4973	20th Century Chinese Art
ART 4993	Senior Honors Project
Upper-Division Related Courses	
Select 6 hours of ARCH, AMST, ANTH, HIST, PHIL, or other courses with approval of departmental advisor	6
Hours Subtotal	**43**
Electives	
Select 15 hours. May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 9 additional upper-division hours	15
Hours Subtotal	**15**
Total Hours	**120**

[1] Courses include those listed below:

Code	Title	Hours
Art History course list		
HIST 3593	Introduction to Museum and Cultural Studies (H)	
ART 1513	Art History Survey Since 1400 (H)	
ART 1603	Introduction to Global Art (H)	
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography (H)	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (GH)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (GH)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 3763	Art Travel Course	
ART 3773	History of African American Art	
ART 3800	Special Topics in Art History	
ART 3890	Art History Honors Course	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (GH)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4783	Rembrandt Van Rijn	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree

requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
ART 1503	Art History Survey to 1400 (H)	3
General Educations courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
ART 1513	Art History Survey Since 1400 (H)	3
General Education Courses		9
	Hours	**15**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
Upper-division Art History		3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
3 hours Upper-Division Art History		3
Major, College, and Elective courses		6
ART 3513	Analyzing Visual Culture	3
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3

6 hours Upper-Division Art History		6
Major, College, and Elective courses		6
	Hours	**15**
Spring		
3 hours Upper-Division Art History		3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
6 hours Upper-Division Art History		6
Major, College, and Elective courses		6
ART 4943	Art History Senior Capstone	3
	Hours	**15**
Spring		
ART 4920	Art History Symposium	1
3 hours Upper-Division Art History		3
Major, College, and Elective courses		11
	Hours	**15**
	Total Hours	**120**

Art: Graphic Design, BFA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
ART 3683	History of 20th Century Art (GH)	3
Select 3 hours upper-division Art History from:		3
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography (H)	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (GH)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (GH)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (GH)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Select 3 additional hours		3
See note 2.a.		
Foreign Language		

See note 3		0
0-6 hours		
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**10**
Major Requirements		
Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses		
Core Curriculum		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey to 1400 (H)	3
ART 1513	Art History Survey Since 1400 (H)	3
Lower-division Professional Sequence		
2.75 GPA required to take courses:		
ART 2413	Typography I	3
or ART 2313	Course ART 2313 Not Found	
ART 2423	Graphic Design I	3
or ART 2123	Course ART 2123 Not Found	
Select 3 hours Studio Art from:		3
ART 1113	Drawing II	
ART 2113	Life Drawing	
ART 2223	Oil Painting I	
ART 2023	Non-Major Oil Painting I	
ART 2243	Jewelry and Metals I	
ART 2043	Non-Major Jewelry and Metals I	
ART 2253	Ceramics I	
ART 2013	Non-Major Ceramics I	
ART 2263	Sculpture I	
ART 2063	Non-Major Sculpture I	
ART 2273	Printmaking I	
ART 2073	Non-Major Printmaking I	
ART 2293	Photography I	
ART 2093	Non-Major Photography I	
Select 12 hours upper-division Studio Art or career-related areas from:		12
ART 3110	Life Drawing Studio	
ART 3213	Public and Installation Art	
ART 3223	Oil Painting II	
ART 3243	Jewelry And Metals II	
ART 3253	Ceramics II	
ART 3263	Sculpture II	
ART 3273	Printmaking II	
ART 3293	New Genres in Studio Art	
ART 3393	Photography II	
ART 3413	Typography II	
ART 3423	Graphic Design II	
ART 3453	Motion Design I	
ART 3463	Interaction Design I	
ART 4053	Alternative Photography	
ART 4100	Drawing Studio	
ART 4220	Oil Painting Studio	
ART 4240	Jewelry and Metals Studio	
ART 4250	Ceramics Studio	
ART 4260	Sculpture Studio	
ART 4270	Printmaking Studio	
ART 4280	Photography Studio	
ART 4420	Graphic Design Studio	
ART 4450	Motion Design Studio	
ART 4460	Interaction Design Studio	
ART 4493	Portfolio Capstone	
ART 4800	Special Studies in Art	
ART 4820	Graphic Design Internship	
ART 4830	Apprenticeship	
ART 4900	Directed Study In Art	
Upper-division Professional Sequence		
ART 3643	History of Graphic Design	3
Proficiency review required to take courses:		
ART 3413	Typography II	3
ART 3423	Graphic Design II	3
ART 3453	Motion Design I	3
ART 3463	Interaction Design I	3
ART 4493	Portfolio Capstone	3
Select 9 hours of the following:		9
ART 4420	Graphic Design Studio (3-6 hours)	
ART 4450	Motion Design Studio (3-6 hours)	
ART 4460	Interaction Design Studio (3-6 hours)	
Hours Subtotal		**63**
Electives		
Select 7 hours		7
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey to 1400 (H)	3
General Education courses		5
	Hours	**14**
Spring		
ART 1513	Art History Survey Since 1400 (H)	3
ART 1303	Visual Thinking: Form and Space	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
ART 2413 or ART 2423	Typography I or Graphic Design I	3
ART 3643	History of Graphic Design	3
General Education courses		9
	Hours	**15**
Spring		
ART 2423 or ART 2413	Graphic Design I or Typography I	3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
ART 3413	Typography II (F)	3
ART 3453 or ART 3463	Motion Design I or Interaction Design I	3
Major, College, and Elective courses		9
	Hours	**15**

Spring		
ART 3423	Graphic Design II (Sp)	3
ART 3463 or ART 3453	Interaction Design I or Motion Design I	3
College and Elective courses		9
	Hours	**15**
Senior		
Fall		
ART 3683	History of 20th Century Art (GH)	3
ART 4420	Graphic Design Studio	3
ART 4450 or ART 4460	Motion Design Studio or Interaction Design Studio	3
College and Elective courses		6
	Hours	**15**
Spring		
ART 4493	Portfolio Capstone	3
ART 4460 or ART 4420 or ART 4450	Interaction Design Studio or Graphic Design Studio or Motion Design Studio	3
College and Elective courses		9
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Art: Studio Art, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
First Year Seminar		
(Transfer students with 15 hours exempt)		1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA in all ART courses 2.50 with a minimum grade of "C" in all ART courses		
Core		
ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey to 1400 (H)	3
ART 1513	Art History Survey Since 1400 (H)	3
ART 2003	Studio Methods and Preparation	3
2-D and 3-D Studios		
Select 9 hours of the following:		9
Select 3-6 hours of the following:		
ART 2113	Life Drawing	
ART 2223	Oil Painting I	
ART 2273	Printmaking I	
ART 2293	Photography I	
Select 3-6 hours of the following:		
ART 2243	Jewelry and Metals I	
ART 2253	Ceramics I	
ART 2263	Sculpture I	
Upper-division Art History		
Select 6 hours from:		6
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography (H)	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (GH)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	

ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (GH)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (GH)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Upper-division Studio Art		
Select 12 hours from:		12
ART 3110	Life Drawing Studio	
ART 3213	Public and Installation Art	
ART 3223	Oil Painting II	
ART 3243	Jewelry And Metals II	
ART 3253	Ceramics II	
ART 3263	Sculpture II	
ART 3273	Printmaking II	
ART 3393	Photography II	
ART 3403	Illustration II	
ART 3413	Typography II	
ART 3423	Graphic Design II	
ART 3453	Motion Design I	
ART 3463	Interaction Design I	
ART 4053	Alternative Photography	
ART 4100	Drawing Studio	
ART 4211	BFA Studio Capstone Exhibition	
ART 4213	BFA Studio Capstone	
ART 4220	Oil Painting Studio	
ART 4223	BA Studio Capstone	
ART 4240	Jewelry and Metals Studio	
ART 4250	Ceramics Studio	
ART 4260	Sculpture Studio	
ART 4270	Printmaking Studio	
ART 4280	Photography Studio (9 hours for the Primary Media focus; 6 hours for the Secondary Media focus.)	
ART 4420	Graphic Design Studio	
ART 4430	Illustration Studio	
ART 4450	Motion Design Studio	
ART 4460	Interaction Design Studio	
ART 4493	Portfolio Capstone	
ART 4820	Graphic Design Internship	
ART 4830	Apprenticeship	
ART 4900	Directed Study In Art	
Capstone		
ART 4223	BA Studio Capstone	3
Hours Subtotal		**51**
Electives		
Select 7 hours		7
All electives plus 13 hours general education or college/departmental requirements may need to be upper-division and must include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**7**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-

departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey to 1400 (H)	3
College and General Education courses		5
	Hours	**14**
Spring		
ART 1113	Drawing II	3
ART 1303	Visual Thinking: Form and Space	3
ART 1513	Art History Survey Since 1400 (H)	3
General Education Courses		7
	Hours	**16**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
ART 2223	Oil Painting I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2243	Jewelry and Metals I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
ART 2003	Studio Methods and Preparation	3
ART 2233	Watercolor I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
or ART 2243	or Jewelry and Metals I	
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
	Hours	**15**
Junior		
Fall		
		3
3 hours Upper-division Studio course		3
3 hours Upper-Division Art History		3
College and Elective courses		6
	Hours	**15**
Spring		
3 hours Upper-Division Studio course		3

3 hours Upper-Division Art History		3
College and Elective courses		9
	Hours	**15**
Senior		
Fall		
ART 4223	BA Studio Capstone	3
3 hours Upper-Division Studio course		3
College and Elective courses		9
	Hours	**15**
Spring		
3 hours Upper-Division Studio course		3
College and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Art: Studio, BFA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		
Select 6 hours upper-division Art History from:		6
ART 3543	Leonardo, Art, And Science (H)	
ART 3553	Fashioning and Self Fashioning: The Renaissance Portrait (H)	
ART 3563	History of Prints and Printmaking	
ART 3573	History of Photography (H)	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3600	Writing Methods In Art History	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3643	History of Graphic Design	
ART 3653	History of 19th Century Art (H)	
ART 3663	History of American Art (DH)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (GH)	
ART 3693	Survey of Asian Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3733	History of Latin American Art I	
ART 3743	History of Latin American Art II (GH)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4603	History of Ancient Egyptian Art	
ART 4613	Art Since 1960	
ART 4653	History of Indian Art	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4683	Modern and Contemporary Art in Asia	
ART 4693	Gender And Visual Culture	
ART 4703	Art East and West: Biases and Borrowings	
ART 4713	The Visual Culture of the Islamic World (GH)	
ART 4723	History of Museums and Collecting	
ART 4733	Museum Education	
ART 4763	Native American Art and Material Culture	
ART 4793	Architecture and Space in East Asia	
ART 4800	Special Studies in Art	
ART 4810	Museum Internship	
ART 4813	Museum Exhibition	
ART 4830	Apprenticeship	
ART 4910	Directed Study in Art History	
ART 4920	Art History Symposium	
ART 4933	Art in Context	
ART 4973	20th Century Chinese Art	
ART 4993	Senior Honors Project	
Select 3 additional non-ART hours		3
Foreign Language		
See note 3		

0-6 hours		
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**10**
Major Requirements		
Minimum GPA in all ART courses 2.75 with a minimum grade of "C" in all ART courses		
Core Curriculum		
ART 1103	Drawing I	3
ART 1113	Drawing II	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 1503	Art History Survey to 1400 (H)	3
ART 1513	Art History Survey Since 1400 (H)	3
ART 2003	Studio Methods and Preparation	3
ART 2113	Life Drawing	3
Lower-division Professional Sequence		
2-D studio media:		
Select two of the following:		6
ART 2223	Oil Painting I	
ART 2273	Printmaking I	
ART 2293	Photography I	
3-D studio media:		
Select two of the following:		6
ART 2243	Jewelry and Metals I	
ART 2253	Ceramics I	
ART 2263	Sculpture I	
Upper-division Professional Sequence		
Proficiency review required to take courses:		
Studio primary media focus:		
Select 12 hours of the following:		12
ART 3223 & ART 4220	Oil Painting II and Oil Painting Studio (9 hours)	
ART 3243 & ART 4240	Jewelry And Metals II and Jewelry and Metals Studio (9 hours)	
ART 3253 & ART 4250	Ceramics II and Ceramics Studio (9 hours)	
ART 3263 & ART 4260	Sculpture II and Sculpture Studio (9 hours)	
ART 3273 & ART 4270	Printmaking II and Printmaking Studio (9 hours)	
ART 3393 & ART 4280	Photography II and Photography Studio (9 hours)	
ART 3110 & ART 4100	Life Drawing Studio and Drawing Studio (3-9 hours)	
Studio secondary media focus:		
Select 9 hours of the following:		9
ART 3223 & ART 4220	Oil Painting II and Oil Painting Studio (6 hours)	
ART 3243 & ART 4240	Jewelry And Metals II and Jewelry and Metals Studio (6 hours)	
ART 3253 & ART 4250	Ceramics II and Ceramics Studio (6 hours)	
ART 3263 & ART 4260	Sculpture II and Sculpture Studio (6 hours)	
ART 3273 & ART 4270	Printmaking II and Printmaking Studio (6 hours)	
ART 3393 & ART 4280	Photography II and Photography Studio (6 hours)	
ART 3110 & ART 4100	Life Drawing Studio and Drawing Studio (3-9 hours)	
Select 3 hours upper-division Studio media electives from:		3
ART 3110	Life Drawing Studio	
ART 3213	Public and Installation Art	
ART 3223	Oil Painting II	
ART 3243	Jewelry And Metals II	
ART 3253	Ceramics II	
ART 3263	Sculpture II	
ART 3273	Printmaking II	
ART 3393	Photography II	
ART 3403	Illustration II	
ART 3413	Typography II	
ART 3423	Graphic Design II	
ART 3453	Motion Design I	
ART 3463	Interaction Design I	
ART 4053	Alternative Photography	
ART 4100	Drawing Studio	
ART 4211	BFA Studio Capstone Exhibition	
ART 4213	BFA Studio Capstone	
ART 4220	Oil Painting Studio	
ART 4223	BA Studio Capstone	
ART 4240	Jewelry and Metals Studio	
ART 4250	Ceramics Studio	
ART 4260	Sculpture Studio	
ART 4270	Printmaking Studio	
ART 4280	Photography Studio	
ART 4420	Graphic Design Studio	
ART 4430	Illustration Studio	
ART 4450	Motion Design Studio	
ART 4460	Interaction Design Studio	
ART 4493	Portfolio Capstone	
ART 4800	Special Studies in Art	
ART 4820	Graphic Design Internship	
ART 4830	Apprenticeship	
ART 4900	Directed Study In Art	
Studio Capstone/Upper-division Art History		
ART 4211	BFA Studio Capstone Exhibition	1
ART 4213	BFA Studio Capstone	3

ART 4613	Art Since 1960 (In consultation with your advisor, students are required to complete coursework in contemporary art history--or other media-specific courses--as part of the degree program. The contemporary art history courses offered vary by semester. Completion of this requirement is necessary for program progress and graduation.)	3
Hours Subtotal		**67**
Electives		
Select 3 hours		3
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours		
Hours Subtotal		**3**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1503	Art History Survey to 1400 (H)	3
College and General Education courses		6
	Hours	**15**
Spring		
ART 1113	Drawing II	3
ART 1513	Art History Survey Since 1400 (H)	3
ART 1303	Visual Thinking: Form and Space	3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
ART 2113	Life Drawing	3
ART 2223	Oil Painting I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2243	Jewelry and Metals I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
	Hours	**15**
Spring		
ART 2003	Studio Methods and Preparation	3
ART 2233	Watercolor I	3
or ART 2233	or Watercolor I	
or ART 2273	or Printmaking I	
or ART 2283	or Studio Art Digital Survey	
or ART 2293	or Photography I	
ART 2253	Ceramics I	3
or ART 2253	or Ceramics I	
or ART 2263	or Sculpture I	
Major, College, and Elective courses		6
	Hours	**15**
Junior		
Fall		
3 hours Upper-division course in Primary Media Focus		3
College and Elective courses		12
	Hours	**15**
Spring		
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
College and Elective courses		9
	Hours	**15**
Senior		
Fall		
ART 3683	History of 20th Century Art (GH)	3
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
ART 4213	BFA Studio Capstone	3
College and Elective courses		3
	Hours	**15**
Spring		
3 hours Upper-division course in Primary Media Focus		3
3 hours Upper-division course in Secondary Media Focus		3
ART 4211	BFA Studio Capstone Exhibition	1
ART 4613	Art Since 1960	3
College and Elective courses		5
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Graphic Design (GRPH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.75 with no grade below "C"
Total Hours: 15

Code	Title	Hours
Minor Requirements		
Core Curriculum		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
Lower-division Professional Sequence		
ART 2423	Graphic Design I	3
or ART 2123	Course ART 2123 Not Found	
ART 2413	Typography I	3
or ART 2313	Course ART 2313 Not Found	
Upper-division		
ART 3643	History of Graphic Design	3
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Pre-Art Therapy (PART), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA: 2.75 with no grade below "C."
Total Hours: 30

Code	Title	Hours
Course Requirements		
Psychology		
PSYC 1113	Introductory Psychology (S)	3
PSYC 2583	Developmental Psychology (S)	3
PSYC 3443	Psychopathology (S)	3
Select three additional credit hours from the following:		3
PSYC 2443	Clinical Child Psychology	
PSYC 3053	Psychology of Art (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4243	Psychology of Aging	
PSYC 4283	Health Psychology	
Hours Subtotal		**12**
Art: Required Courses		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
ART 2223	Oil Painting I	3
or ART 2023	Non-Major Oil Painting I	
ART 2253	Ceramics I	3
or ART 2013	Non-Major Ceramics I	
Select three additional credit hours from the following:		3
ART 1113	Drawing II	
ART 2263	Sculpture I	
or ART 2063	Non-Major Sculpture I	
ART 2293	Photography I	
or ART 2093	Non-Major Photography I	
ART 2273	Printmaking I	
or ART 2073	Non-Major Printmaking I	
Hours Subtotal		**18**
Total Hours		**30**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Studio Art (STDA), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Ulrike Schoenknecht, 408 BC, 405-744-4064

Minimum Grade Point Average in Minor Coursework: 2.5 with no grade below "C."
Total Hours: 15

Code	Title	Hours
Minor Requirements		
ART 1103	Drawing I	3
ART 1203	Visual Thinking: Image and Surface	3
ART 1303	Visual Thinking: Form and Space	3
6 hours chosen from any one area of concentration (General, Oil Painting, Jewelry/Metals, Ceramics, Sculpture, Printmaking or Photography).		6
General:		
ART 1113	Drawing II	
ART 2113	Life Drawing	
ART 2223	Oil Painting I	
or ART 2023	Non-Major Oil Painting I	
ART 2243	Jewelry and Metals I	
or ART 2043	Non-Major Jewelry and Metals I	
ART 2253	Ceramics I	
or ART 2013	Non-Major Ceramics I	
ART 2263	Sculpture I	
or ART 2063	Non-Major Sculpture I	
ART 2273	Printmaking I	
or ART 2073	Non-Major Printmaking I	
ART 2293	Photography I	
or ART 2093	Non-Major Photography I	
Oil Painting:		
ART 2223 & ART 3223 & ART 4220	Oil Painting I and Oil Painting II and Oil Painting Studio	
Jewelry/Metals		
ART 2243 & ART 3243 & ART 4240	Jewelry and Metals I and Jewelry And Metals II and Jewelry and Metals Studio	
Ceramics:		
ART 2253 & ART 3253 & ART 4250	Ceramics I and Ceramics II and Ceramics Studio	
Sculpture:		
ART 2263 & ART 3263 & ART 4260	Sculpture I and Sculpture II and Sculpture Studio	
Printmaking:		
ART 2273 & ART 3273 & ART 4270	Printmaking I and Printmaking II and Printmaking Studio	
Photography:		
ART 2293 & ART 3393 & ART 4280	Photography I and Photography II and Photography Studio	
Beyond the 15 hours required to minor, it is highly recommended that Studio Minors take an Art History course to fulfill 3 hours credit of their Humanities (H) requirements.		
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Biology

The Department of Biology offers BS degree programs in biology, physiology, plant biology, and zoology.

The undergraduate degree in biology is appropriate for students wanting to obtain a broad background in the life sciences. Students complete coursework in animal, plant and microbial biology, genetics, ecology, physiology, and evolution. This degree meets the requirements for admission to graduate and professional schools and also prepares students for a broad range of biology-related employment opportunities. Students can also select an option in allied health, environmental biology, pre-medical sciences, or secondary teacher certification.

The undergraduate degree in physiology offers specialized coursework as preparation for graduate school or a medically-related professional school. The bachelor's degree in physiology requires courses in biology, genetics, microbiology, comparative anatomy, biochemistry, physics, and chemistry. The mammalian physiology lecture and lab sequence provides a unique capstone experience. Students can also select an option in pre-medical sciences.

The undergraduate degree in plant biology gives students training in all aspects of plant biology, including cell and molecular biology, genetics, development, physiology, ecology, evolution, and systematics. The study of plant biology underlies the applied sciences such as agronomy, forestry, natural resource management, horticulture and plant pathology. Students completing this degree are prepared for continuing studies in graduate school and careers in health sciences and industry. Students can select an option in cell biology and molecular genetics, ecology and evolutionary biology, pre-forensics, pre-law environmental policy, or pre-pharmacy.

The undergraduate degree in zoology provides a thorough background in the biology of animals and prepares students for graduate school and many applied and professional careers, including veterinary medicine. The zoology degree requires courses in ecology, evolution, genetics, and vertebrate and invertebrate zoology. Students participate in unique research experiences and/or internships and develop a broad foundation in the related fields of chemistry, physics, and mathematics. Students can also select an option in ecology and conservation biology, pre-medical sciences, pre-veterinary science, or secondary teacher certification.

Courses

BIOL 1111 Introductory Biology Laboratory (LN)
Prerequisites: BIOL 1113 or concurrent.
Description: Provides students with authentic research experiences in which they design, conduct, and report on the results of extended investigations over topics introduced in BIOL 1113. Recommended for science majors.
Credit hours: 1
Contact hours: Lab: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lab
Department/School: Biology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

BIOL 1113 Introductory Biology (N)
Description: Introduction to the integration between structure and function among all levels of biological organization. Application of principles of evolution, genetics, physiology and ecology to understanding the integrated and interdependent nature of living systems through discussions emphasizing the process of science. Discussions include current issues, local research, observations, and investigations. Recommended for science majors. Concurrent enrollment in BIOL 1111 Introductory Biology Laboratory is highly recommended. May not be used for degree credit with BIOL 1114.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

BIOL 1114 Introductory Biology (LN)
Description: Introduction to the integration between structure and function among all levels of biological organization. Application of principles of evolution, genetics, physiology and ecology to understanding the integrated and interdependent nature of living systems through discussions emphasizing the process of science. Current issues and local research and observation and investigation in both lecture and lab. Recommended for non-science and science majors. Course previously offered as BISC 1114.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

BIOL 1604 Animal Biology
Prerequisites: Completion of BIOL 1114 or BIOL 1113 and (BIOL 1111 or concurrent enrollment), or acceptable AP credit.
Description: Morphology, physiology, ecology, life histories and importance of representatives of major groups to humans. Evolution of systems and mechanisms which have allowed animals to survive and adapt to diverse habitats. Previously offered as ZOOL 1604.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 2003 Biology for the Informed Citizen (LN)
Description: Learn how to find reliable answers to biological questions and arrive at informed decisions in everyday life. The course uses current issues (e.g., cancer, pollution) to convey fundamental biological concepts through lectures, discussion, and independent research. Students will complete a research project for a hands-on experience of the scientific process (study design to presentation). Not an alternative to Introductory Biology.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

BIOL 2890 Honors Experience in Biology
Prerequisites: Honors Program participation and concurrent enrollment in a designated BIOL course.
Description: A supplemental Honors experience in Biology to partner concurrently with designated BIOL course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Honors Credit

BIOL 3023 General Genetics
Prerequisites: "C" or better in CHEM 3013 or CHEM 3053 or MICR 2123 or MICR 3033 or PBIO 2403.
Description: Inheritance in plants, animals, and microorganisms; molecular and classical aspects. Previously offered as BIOL 3024 and BISC 3024.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3034 General Ecology
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) or equivalent and (PBIO 1404 or BIOL 1604 or equivalent) and MATH 1513 or higher.
Description: An overview of the study of organisms interacting with each other and their environment at individual, population, community, and ecosystem levels of organization. Includes human interaction with ecological systems.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 3053 Freshwater: Concepts, Threats and Management (N)
Description: Freshwater is a critical, non-substitutable resource. Do we have enough? How are we going to manage it? This course will introduce non-biology majors to the concepts, threats, and policy relevant to freshwaters using information published in the popular science press. Issues directly relevant to Oklahoma, and the U.S. will be discussed. Debates modeled using the legal system of policy formulation will promote critical thought and communication skills in an exciting real-world milieu. ZOOL and PHSL majors may count as elective hours only. Previously offered as ZOOL 3023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning

BIOL 3104 Invertebrate Zoology
Prerequisites: BIOL 1604.
Description: Morphology, physiology, reproduction and ecology of major invertebrate groups. Previously offered as ZOOL 3104.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 3113 Human Evolution (N)
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) strongly recommended.
Description: Overview of how evolution shapes human biology. Topics include evolutionary mechanisms, human genetic variation and health, primate diversity, the fossil record, and the origins, dispersal, and behavior of anatomically modern humans. ZOOL and PHSL majors may count as elective hours only. Previously offered as ZOOL 3113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning

BIOL 3114 Vertebrate Morphology
Prerequisites: BIOL 1604.
Description: Comparative morphology of representative vertebrates with emphasis on phylogeny and ontogeny and consideration of histology and function. Previously offered as ZOOL 3114.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 3123 Human Heredity (N)
Description: The impact of genetics on human endeavor. Not recommended for students with prior credit in BIOL 3023. BIO, PHSL and ZOOL majors may count as elective hours only. Previously offered as ZOOL 3123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning

BIOL 3153 Animal Behavior
Prerequisites: Junior standing.
Description: Survey of theory and application in basic and applied animal behavior. Interdisciplinary analysis of animal behavior in the field, captive settings and laboratories. Previously offered as ZOOL 3153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3163 Environmental Biology
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314).
Description: Overview of how organisms are influenced by the environment in which they live and how anthropogenic activities impact their environment. Topics include impacts of disturbing energy and material cycles, toxicological disease, and infectious disease. Previously offered as ZOOL 3163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3201 Physiology Lab
Prerequisites: Minimum grade of "C" in BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314 or CHEM 1414) and BIOL 3203 or concurrent.
Description: Investigations of physiological processes through laboratory experiments relating to the principles covered in BIOL 3203. Provides hands-on experience with laboratory methods, experimental design, data collection and analysis, peer-review, and writing lab reports in the context of physiological research.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Biology

BIOL 3203 Physiology
Prerequisites: Minimum grade of "C" in BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314 or CHEM 1414).
Description: Introduction to basic principles of physiology: the biochemical and cellular processes underlying physiological function, the structure and function of organs and organ systems, and how these levels coordinate to maintain physiological homeostasis. Discussion of pathophysiologies and application of the scientific method to evaluate physiological studies. Concurrent enrollment in BIOL 3201 Physiology is highly recommended. Same course as ZOOL 3034 and ZOOL 3204. May not be used for degree credit with BIOL 3204.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3204 Physiology
Prerequisites: "C" or better in both BIOL 1114 or (BIOL 1113 and BIOL 1111) and (CHEM 1215 or CHEM 1314 or CHEM 1414).
Description: Anatomy and function of the human body. Human and domestic animal physiology considered in laboratories. Previously offered as ZOOL 3204. May not be used for degree credit with BIOL 3203.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 3214 Human Anatomy
Prerequisites: "C" or better in either BIOL 1604 or BIOL 3204 or (BIOL 3203 and BIOL 3201).
Description: Gross anatomy of the human body and its systems with a minor emphasis on histology. Laboratory based on human models and comparisons with dissections of nonhuman mammals. Previously offered as ZOOL 3214.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 3233 Human Reproduction
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) or consent of instructor.
Description: Overview of human reproduction, including conception, pregnancy, childbirth, sexual maturation, and parental investment in offspring. Draws from multiple fields such as genetics, anatomy and physiology, developmental biology and evolutionary theory. Previously offered as ZOOL 3233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3513 Principles of Conservation Biology
Prerequisites: Sophomore standing and BIOL 1604 or PBIO 1404.
Description: A scientific foundation of conservation biology through the study of the importance of conservation in society, the role of conservation policy, protected areas, and planning, and the future of conservation biology. Topics covered include Ecology, Evolution, and Genetics. Previously offered as ZOOL 3513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3604 Biological Principles for Teachers
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) and BIOL 3204 or (BIOL 3203 and BIOL 3201) and CHEM 1314.
Description: Capstone course in biology for potential science teachers. Review of biological phenomena and principles as related to the curriculum. Course previously offered as BISC 3604.
Credit hours: 4
Contact hours: Lecture: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 3700 Readings and Special Studies in Biology
Prerequisites: BIOL 1604 and consent of instructor.
Description: Discussion of selected readings. Previously offered as ZOOL 3700. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

BIOL 3890 Advanced Honors Experience in Biology
Prerequisites: Honors Program participation and concurrent enrollment in a designated BIOL course.
Description: A supplemental Honors experience in Biology to partner concurrently with designated upper-division BIOL course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Honors Credit

BIOL 3933 Research Methods
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) and (MATH 1613 or higher) and (STAT 2013 or STAT 4013).
Description: Students perform independent inquiries and learn to use skills from science to solve research problems. Students will design experiments, collect and analyze data, formulate hypotheses, justify conclusions, create models, read and evaluate the research literature, and write and present research reports.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4024 Histology
Prerequisites: BIOL 3114 or BIOL 3204 or (BIOL 3203 and BIOL 3201) or BIOL 3214.
Description: The study of cellular composition and functional components of tissues. With an emphasis in vertebrates, the course is a survey of the microanatomy and function of tissues such as epithelial, connective, muscular, and nervous. May not be used for degree credit with BIOL 5024.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4073 Principles of Neuroscience
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111) and either (CHEM 1215, CHEM 1314, or CHEM 1414).
Description: Neuroscience is an interdisciplinary field focused on understanding the structure and function of the brain, spinal cord, and peripheral nervous system. Course examines theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions. Previous coursework in physiology recommended. Same course as PSYC 4073. May not be used for degree credit with BIOL 5073 or PSYC 5073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4104 General Parasitology
Prerequisites: BIOL 1604.
Description: Fundamentals of parasitism with emphasis on: life cycles, disease conditions, epidemiology, diagnosis, treatment, historical significance, terminology, taxonomy, and parasitological techniques. Previously offered as ZOOL 4104. May not be used for degree credit with BIOL 5104.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4113 Conservation Genetics
Prerequisites: (BIOL 3023 or equivalent) and MATH 1513.
Description: Principles of population genetics as they pertain to issues in conservation biology. Evolutionary relationships, hybridization, natural selection, factors affecting small populations, gene flow, captive populations, and metapopulations. No credit for students with credit in BIOL 5113. Previously offered as ZOOL 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4133 Evolution
Prerequisites: BIOL 3023.
Description: Development of the evolutionary concept; speciation evolutionary mechanisms and phylogenetic concepts. May not be used for degree credit with BIOL 5033. Previously offered as ZOOL 4133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4134 Embryology
Prerequisites: BIOL 1604 and CHEM 1515.
Description: Biochemical basis of development with emphasis on gene regulation. Comparative development of sea urchin, frog, chick and pig. Experiments using frog and mouse, including the molecular level. Previously offered as ZOOL 4134. May not be used for degree credit with BIOL 5134.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4174 Mammalogy
Prerequisites: "C" or better in BIOL 1604 and (BIOL 3034 or NREM 3013).
Description: Taxonomy, identification, evolution, zoogeography, life history traits, and techniques of study of wild mammals. Weekend field trips required. May not be used for degree credit with BIOL 5174. Previously offered as ZOOL 4174.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4184 Herpetology
Prerequisites: BIOL 1604.
Description: The biology of amphibians and reptiles with an emphasis on evolutionary relationships and comparative morphology, physiology, ecology, and natural history; laboratory emphasis on Oklahoma species. Offered spring semester of even-numbered years. Weekend field trips required. May not be used for degree credit with BIOL 5184.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4215 Mammalian Physiology
Prerequisites: Minimum grade of "C" in both BIOL 3204 or (BIOL 3203 and BIOL 3201) and (CHEM 3013 or CHEM 3053).
Description: Descriptive and functional analysis of the mammalian nervous, cardiovascular, musculoskeletal, respiratory, renal, endocrine, and digestive organ systems. For majors in human and animal sciences, particularly pre-medical, pre-dental, and pre-veterinary tracks. May not be used for degree credit with BIOL 5215. Previously offered as ZOOL 4215.
Credit hours: 5
Contact hours: Lecture: 5 Contact: 5
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4223 Mammalian Physiology Capstone Laboratory
Prerequisites: Minimum grade of "C" in BIOL 4215 or ZOOL 4215.
Description: Laboratory experiments that illustrate functions of organs, organ systems or mechanisms of whole body physiological control. A unique Capstone Experience for Physiology majors. Restricted to declared Physiology majors in the Department of Biology. Previously offered as ZOOL 4223.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4253 Pharmacology
Prerequisites: Minimum grade of "C" in either BIOL 3204 or (BIOL 3203 and BIOL 3201) or BIOL 4215; Biochemistry strongly suggested.
Description: Major drug classes based on their predominant use or principal activity in the body; basis for drug action; and modification of drugs and their action by physiological processes. May not be used for degree credit with BIOL 5253. Previously offered as ZOOL 4243 and BIOL 4243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4273 Environmental Physiology
Prerequisites: BIOL 3204 or (BIOL 3203 and BIOL 3201) or BIOL 4215.
Description: The study of animal adaptation and responses to natural environments. Topics include marine, shoreline, freshwater, and terrestrial habitats as well as anthropogenic problems specific to these habitats. May not be used for degree credit with BIOL 5273. Previously offered as ZOOL 4273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4283 Endocrinology
Prerequisites: Minimum grade of "C" in (BIOL 3204 or (BIOL 3203 and BIOL 3201) or BIOL 4215) and credit in (CHEM 3013 or CHEM 3053) or consent of instructor.
Description: Examination of the hormonal control and regulation of physiological processes in vertebrates. Function of the hypothalamus, pituitary, adrenal, thyroid, pancreas, ovary and testes. May not be used for degree credit with BIOL 5283. Previously offered as ZOOL 4283.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4293 Behavioral Neuroendocrinology
Prerequisites: BIOL 3204 or (BIOL 3203 and BIOL 3201) or BIOL 4215.
Description: Examination of the influences of nervous and endocrine systems on behavior, and vice-versa, in vertebrates, including humans. Historical roots and current techniques relating to topics, including male and female reproductive behavior patterns, sex differences in behavior and neuroendocrine causation. May not be used for degree credit with BIOL 5293. Previously offered as ZOOL 4293.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4303 Organismal Ecotoxicology
Prerequisites: Junior standing and BIOL 1114 or (BIOL 1113 and BIOL 1111) or equivalent and (CHEM 1215 or CHEM 1314).
Description: Comparative study of the major groups of environmental contaminants (e.g. heavy metals, PCB's, insecticides) and an introduction to the basic theories, principles and techniques associated with the study of contaminant fate and effects on organisms. No credit for students with credit in BIOL 5303. Same course as BIOL 5303 and ITOX 5303. Previously offered as ZOOL 4303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4313 Animal Communication
Prerequisites: Junior standing.
Description: Mechanisms, function and evolution of animal communication systems. Emphasis on the function of sensory systems, signal production mechanisms, theories of signal design and optimal signaling strategies, and current research on signaling behavior and its evolution in wild animals. A course in animal behavior or evolution recommended. May not be used for degree credit with BIOL 5313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4333 Disease Ecology
Prerequisites: BIOL 1113 or BIOL 1114 and junior standing.
Description: Understanding the ecology and evolution of pathogens and host-parasite relationships. This course will cover topics from the evolution of virulence and antibiotic resistance to globalization, emerging infectious diseases, and the factors driving increased pandemic risk. May not be used for degree credit with BIOL 5333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4363 Principles of Toxicology
Prerequisites: BIOL 3204 or (BIOL 3203 and BIOL 3201) and (CHEM 1215 or CHEM 1314).
Description: Basic concepts in toxicology such as chemical partitioning, dose response, toxicokinetics, toxicodynamics, and bioavailability. It will focus on the molecular and cellular mechanisms of toxicity of a few representative natural and man-made compounds. Case studies used to understand real-life scenarios. May not be used for degree credit with BIOL 5363.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

BIOL 4413 Biology of Fishes
Prerequisites: BIOL 1604.
Description: Ecology and evolution of fishes with particular emphasis on physiology, morphology, behavior, and taxonomy; laboratory emphasis on Oklahoma species. Weekend field trips required. May not be used for degree credit with BIOL 4413.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology
Additional Fees: BIOL 4413 Field Trip fee of $48 applies.

BIOL 4434 Limnology
Prerequisites: BIOL 3034 or (NREM 3012 and NREM 3013).
Description: This course provides an overview of the physical, chemical, and biological characteristics of inland habitats including lakes, reservoirs, streams, and wetlands. Field trips required. May not be used for degree credit with BIOL 5434. Previously offered as ZOOL 4434.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology
Additional Fees: BIOL 4434 Field Trip fee of $48 applies.

BIOL 4464 Ornithology
Prerequisites: BIOL 1604.
Description: Classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Two weekend field trips required. Same course as NREM 4464. May not be used for degree credit with BIOL 5464 or NREM 5464. Previously offered as ZOOL 4464.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4484 Animal Locomotion
Prerequisites: BIOL 1604.
Description: How do animals move? How does this motion change based on environment? How has such motion evolved across groups? This course will explore the relationship of body form to locomotion. We will focus on all types of animals, which represent a broad diversity of types of locomotion (e.g. flying, swimming, jumping), environments (e.g. air, land, water), and scales of body size (i.e. from single cells to whales). A laboratory will serve to introduce students to the methods and technology used in studying locomotion. May not be used for degree credit with BIOL 5484.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4524 Biological Laboratory Instrumentation
Prerequisites: CHEM 1515 and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.
Description: Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocylers, and DNA sequencers. No credit for students with credit in BIOL 5524, MICR 5524, PBIO 5524. Same course as PBIO 4524 and MICR 4524.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 4700 Undergraduate Research Problems
Prerequisites: Consent of instructor.
Description: Participation in faculty research or execution of a problem formulated by the student. Project will include the communication of research results in written and/or oral form. Previously offered as ZOOL 4700. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Biology

BIOL 4710 Internships in Biology
Prerequisites: Consent of instructor.
Description: Student participation in a research project during an internship in a Life Sciences related professional work setting. Graded on a pass-fail basis. Previously offered as ZOOL 4710. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Biology

BIOL 4730 Collaborative Research in Biology
Prerequisites: BIOL 1604.
Description: Small teams of students work closely with faculty to design, develop, implement, and present authentic research projects. Topics of research will vary each semester based on the research interests of faculty leading the course.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Biology

BIOL 4750 Honors Study in Biology
Prerequisites: Honors Program participation.
Description: Individual study in the development of biological concepts. Extensive reading, literature search and special experimentation. An individual problems course for the gifted student. Previously offered as ZOOL 4750. Offered for variable credit, 1-5 credit hours, maximum of 5 credit hours.
Credit hours: 1-5
Contact hours: Contact: 1-5 Other: 1-5
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Biology
General Education and other Course Attributes: Honors Credit

BIOL 5000 Research for Master's Thesis
Description: Independent research for the MS Thesis under the supervision of graduate faculty member. Previously offered as ZOOL 5000. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Biology

BIOL 5003 Graduate Orientation and Academic Development
Prerequisites: Admission to Biology graduate program or instructor approval.
Description: Prepare first year Biology graduate students for success. We address departmental expectations and standards by providing: an introduction to departmental expertise and capabilities, exposure to available tools and resources, a forum for research conceptualization and formulation, instruction on finding and securing funding, guidance on how to convert questions into grant proposals, and a milieu for preparation, submission and peer review of external grant/fellowships. Previously offered as ZOOL 5003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5010 Graduate Seminar
Description: Discussion of selected topics. Previously offered as ZOOL 5010. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Biology

BIOL 5011 Current, Historical, and Integrative Principles in Biology
Prerequisites: Admission to Biology graduate program or instructor approval.
Description: This course will furnish fundamental concepts in ecology, evolution, and environmental stress for first-year graduate students in Biology (and related departments). More importantly, this course is organized as modules that bring together various elements from the three broadly defined, and fundamentally related disciplines (i.e., ecology, evolution, and environmental stress), that our department views as our core strengths. Previously offered as ZOOL 5011.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5020 Special Problems
Prerequisites: Graduate standing and consent of instructor.
Description: Discussions of selected readings and topics. Previously offered as ZOOL 5020. Offered for variable credit, 1-4 credit hours, maximum of 10 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Graduate
Schedule types: Independent Study
Department/School: Biology

BIOL 5024 Histology
Prerequisites: Consent of Instructor.
Description: The study of cellular composition and functional components of tissues. With an emphasis in vertebrates, the course is a survey of the microanatomy and function of tissues such as epithelial, connective, muscular, and nervous. May not be used for degree credit with BIOL 4024.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5030 Teaching Biology
Prerequisites: Consent of instructor.
Description: Supervised teaching in the department. Attendance at seminar on problems involved in teaching Biology in college. Previously offered as ZOOL 5030. Offered for variable credit, 1-3 credit hours, maximum of 4 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate, Undergraduate
Schedule types: Independent Study
Department/School: Biology

BIOL 5033 Evolution
Description: Development of the evolutionary concept; speciation evolutionary mechanisms and phylogenetic concepts. May not be used for degree credit with BIOL 4133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5073 Principles of Neuroscience
Description: This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as PSYC 5073 and BIOM 5983. May not be used for degree credit with BIOL 4073 or PSYC 4073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5100 Current Topics in Biology for Teachers
Prerequisites: Approval of instructor.
Description: Acquaints the primary or secondary teacher with recent advances in biology. May include lecture, laboratory or field work. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Lecture: 1-4 Contact: 1-4
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5104 General Parasitology
Prerequisites: BIOL 1604.
Description: Fundamentals of parasitism with emphasis on: life cycles, disease conditions, epidemiology, diagnosis, treatment, historical significance, terminology, taxonomy, and parasitological techniques. May not be used for degree credit with BIOL 4104.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5113 Conservation Genetics
Prerequisites: Course in genetics strongly recommended.
Description: Principles of population genetics as they pertain to issues in conservation biology. Evolutionary relationships, hybridization, natural selection, factors affecting small populations, gene flow, captive populations, and META populations. No credit for students with credit in BIOL 4113. Previously offered as ZOOL 5113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5123 Behavioral Ecology
Prerequisites: Course in ecology strongly recommended.
Description: Analysis and description of the behavior of animals in their natural environment, especially in terms of natural selection and adaptation. A synthesis of ethology, population genetics, sociobiology, and evolutionary theory. Largely descriptive and generalized with limited emphasis on mathematical theory. Previously offered as ZOOL 5123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5133 Evolutionary Ecology
Description: This course is intended to inform students about the traditional breadth of evolutionary ecology, and its impacts on contemporary ecological and evolutionary theories. Study will include both broad historical precedent and the far-reaching importance of current research in evolutionary ecology. This course will develop skills in written and oral communication and critical/synthetic thought. Previously offered as ZOOL 5133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5134 Embryology
Prerequisites: BIOL 1604 and CHEM 1515.
Description: Biochemical basis of development with emphasis on gene regulation. Comparative development of sea urchin, frog, chick and pig. Experiments using frog and mouse, including the molecular level. May not be used for degree credit with BIOL 4134.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5174 Mammalogy
Prerequisites: College level ecology or Natural History course.
Description: Taxonomy, identification, evolution, zoogeography, life history traits, and techniques of study of wild mammals. Weekend field trips required. May not be used for degree credit with BIOL 4174.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5184 Advanced Herpetology
Description: The biology of amphibians and reptiles with an emphasis on evolutionary relationships and comparative morphology, physiology, ecology, and natural history; laboratory emphasis on Oklahoma species. Offered spring semester of even-numbered years. Weekend field trips required. May not be used for degree credit with BIOL 4184.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5215 Mammalian Physiology
Description: Descriptive and functional analysis of the mammalian nervous, cardiovascular, musculoskeletal, respiratory, renal, endocrine and digestive organ systems. For majors in human and animal sciences, particular pre-medical, pre-dental, and pre-veterinary tracks. Upper-division physiology course required. May not be used for degree credit with BIOL 4215. Previously offered as ZOOL 4215.
Credit hours: 5
Contact hours: Lecture: 5 Contact: 5
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5243 Ecological Immunology
Description: The causes and consequences of variation in immunity studied within the context of evolution and ecology. A combination of lectures and student-led presentations intended for graduate students and advanced undergraduates. Previously offered as ZOOL 5243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5253 Pharmacology
Description: Major drug classes based on their predominant use or principal activity in the body; basis for drug action; and modification of drugs and their action by physiological processes. Upper-division Physiology and Organic Chemistry required. May not be used for degree credit with BIOL 4243 or BIOL 4253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5273 Environmental Physiology
Prerequisites: BIOL 3204 or BIOL 4215 or equivalent.
Description: The study of animal adaptation and responses to natural freshwater, and terrestrial habitats as well as anthropogenic problems specific to these habitats. No credit for students with credit in BIOL 4273. Previously offered as ZOOL 5273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5283 Endocrinology
Prerequisites: A course in physiology and chemistry or consent of instructor.
Description: Examination of the hormonal control and regulation of physiological processes in vertebrates. Function of the hypothalamus, pituitary, adrenal, thyroid, pancreas, ovary and testes. No credit for students with credit in BIOL 4283. Previously offered as ZOOL 5283.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5293 Behavioral Neuroendocrinology
Prerequisites: BIOL 3204 or BIOL 4215.
Description: Examination of the influences of nervous and endocrine systems on behavior and vice-versa, in vertebrates including humans. Historical roots and current techniques relating to topics, including male and female reproductive behavior patterns, sex differences in behavior and neuroendocrine causation. No credit for students with credit in BIOL 4293. Previously offered as ZOOL 5293.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5303 Organismal Ecotoxicology
Description: Comparative study of the major groups of environmental contaminants (e.g. heavy metals, PCB's, insecticides) and an introduction to the basic theories, principles and techniques associated with the study of contaminant fate and effects on organisms. No credit for students with credit in BIOL 4303. Same course as ITOX 5303. Previously offered as ZOOL 5303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5313 Animal Communication
Prerequisites: Graduate standing.
Description: Mechanisms, function and evolution of animal communication systems. Emphasis on the function of sensory systems, signal production mechanisms, theories of signal design and optimal signaling strategies, and current research on signaling behavior and its evolution in wild animals. A course in animal behavior or evolution recommended. May not be used for degree credit with BIOL 4313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5333 Disease Ecology
Description: Understanding the ecology and evolution of pathogens and host-parasite relationships. This course will cover topics from the evolution of virulence and antibiotic resistance to globalization, emerging infectious diseases, and the factors driving increased pandemic risk. A class in Introductory Biology recommended. May not be used for degree credit with BIOL 4333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5343 Population and Community Ecotoxicology
Prerequisites: Course in ecology strongly recommended.
Description: Examines the exposure of animals to environmental contaminants and resulting effects at the individual through community level. The dynamic nature of exposure to contaminants will be of particular interest in this course. For example, how do the natural history traits of a species either protect it from exposure, or enhance its potential for exposure to contaminants? Topics will range from the historical perspectives to ecotoxicology to study design and risk assessment. Same course as ITOX 5343. Previously offered as ZOOL 5343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5363 Principles of Toxicology
Prerequisites: Course in chemistry and physiology strongly recommended.
Description: Basic concepts in toxicology such as chemical partitioning, dose response, toxicokinetics, toxicodynamics, and bioavailability. It will focus on the molecular and cellular mechanisms of toxicity of a few representative natural and man-made compounds. Case studies used to understand real-life scenarios. No credit for students with credit in BIOL 4363.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5403 Advanced Wetland Ecology
Prerequisites: A course in aquatic ecology or wetland management recommended.
Description: Principles and theory of wetland ecology with a focus on wetland processes, function, and services. Topics include wetland geomorphology, biogeochemistry and hydrology of wetlands, wetland functions and services, wetland development, wetland restoration, water issues, wetland policy, philosophy of wetland management, and educating society about wetlands. Same course as NREM 5403. Previously offered as ZOOL 5403.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5413 Biology of Fishes
Description: Ecology and evolution of fishes with particular emphasis on physiology, morphology, behavior, and taxonomy; laboratory emphasis on Oklahoma species. Weekend field trips required. Previously offered as ZOOL 4413. May not be used for degree credit with BIOL 4413.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5423 Techniques in Environmental Toxicology
Prerequisites: Organic chemistry or instructor consent.
Description: Practical understanding of modern techniques used to quantify exposure and effects of environmental toxicants. Laboratory topics include gas chromatography, HPLC, atomic absorption spectroscopy, immunoassay, and toxicity testing. Same course as ITOX 5423. Previously offered as ZOOL 5423.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5434 Limnology
Description: This course provides an overview of the physical, chemical, and biological characteristics of inland habitats including lakes, reservoirs, streams, and wetlands. Field trips required. May not be used for degree credit with BIOL 4434.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5464 Ornithology
Description: Classification, evolution, distribution, identification, life histories, and morphological, ecological, and behavioral adaptations of birds. Two weekend field trips required. May not be used for degree credit with BIOL 4464, NREM 4464. Previously offered as NREM 5564.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5484 Animal Locomotion
Description: How do animals move? How does this motion change based on environment? How has such motion evolved across groups? This course will explore the relationship of body form to locomotion. We will focus on all types of animals, which represent a broad diversity of types of locomotion (e.g. flying, swimming, jumping), environments (e.g. air, land, water), and scales of body size (i.e. from single cells to whales). A laboratory will serve to introduce students to the methods and technology used in studying locomotion. May not be used for degree credit with BIOL 4484.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5503 Spatial Ecology and Analysis
Prerequisites: Course in ecology strongly recommended.
Description: Theory, methods, and models for identifying and quantifying spatial patterns and processes, with a focus on implications for ecological relationships. Previously offered as ZOOL 5503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5523 Population Ecology
Prerequisites: BIOL 3034 and MATH 1513.
Description: Theory and principles of predicting and analyzing population abundance and dynamics. Life history theory, foraging theory, habitat selection, population genetics, and species interactions. Previously offered as ZOOL 5523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5524 Biological Laboratory Instrumentation
Prerequisites: CHEM 1515 and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.
Description: Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocylers, and DNA sequencers. May not be used for degree credit in BIOL 4524, MICR 4524, PBIO 4524. Same course as PBIO 5524 and MICR 5524.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

BIOL 5623 Ecological Data and Alternative Hypothesis
Prerequisites: Course in statistics strongly recommended.
Description: Emphasizes statistical analyses that start with a set of plausible alternative hypotheses and use likelihoods to quantify the relative support the hypotheses receive from empirical data. Instruction will be done with lectures, computer lab exercises, and in-class presentations. Previously offered as ZOOL 5623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5633 Ecological and Behavioral Modeling
Prerequisites: Course in ecology strongly recommended.
Description: This course will provide a general overview of modeling approaches for studying a variety of ecological and environmental problems. It will provide students with a toolbox of techniques, and discuss how they can be used to address questions and generate testable predictions. The course will emphasize modeling individual behavior and population dynamics. Previously offered as ZOOL 5633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 5643 Ecological Niche Modeling and Species Distributions
Prerequisites: Course in ecology strongly recommended.
Description: Ecological niche modeling theory and practice. Generation of niche models and distribution predictions to address questions on species' ecology, conservation, biogeography, and phylogeography. Familiarization with ESRI ArcGIS software, as well as environmental GIS data sources. Previously offered as ZOOL 5643.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

BIOL 6000 Research for PhD Dissertation
Description: Independent research for the PhD dissertation under the supervision of a graduate faculty member. Previously offered as ZOOL 6000. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.
Credit hours: 1-15
Contact hours: Contact: 1-15 Other: 1-15
Levels: Graduate
Schedule types: Independent Study
Department/School: Biology

PBIO 1052 How Plants Shaped Our World (LN)
Description: Experience the connections between plants and everything in our world - from food and clothing to history and art. Learn why the first physicians were botanists. See how the search for black pepper led to the discovery of a new world and to masterpieces by Dutch painters. Discover how plants work by growing and experimenting with them.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

PBIO 1404 Plant Biology (LN)
Description: Basic concepts in the biology of plants from the perspective of structure and function, ecology and evolution, and diversity. Students gain experience with the process of science by proposing hypotheses, designing and conducting experiments and interpreting data. Previously offered as BOT 1404, BIOL 1404, BIOL 1403, and BISC 1403.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

PBIO 2110 Special Topics in Plant Biology
Prerequisites: Consent of instructor.
Description: Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 2200 Undergraduate Research
Prerequisites: Consent of instructor.
Description: Undergraduate research problems in plant biology. Graded on a pass/fail basis. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 2403 Introduction to Plant Molecular Biology
Prerequisites: CHEM 1314 with a "C" or better; and PBIO 1404 or (BIOL 1113 and BIOL 1111) or BIOL 1114
Description: Concepts, principles, and themes in plant molecular biology, including structures and functions of biomolecules, representative molecular reactions, and regulations of such reactions in everyday plant life.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

PBIO 2890 Honors Experience in Plant Biology
Prerequisites: Honors Program participation and concurrent enrollment in a designated BIOL or PBIO course.
Description: A supplemental Honors experience in Plant Biology to partner concurrently with designated upper-division BIOL or PBIO course(s). The course adds a different intellectual dimension to the designated course. Same course as PBIO 3890. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Honors Credit

PBIO 3024 Plant Diversity
Prerequisites: BOT 1404 or equivalent.
Description: Forms and life histories of selected plants with emphasis on some of the less familiar forms. The diversity of plant forms as well as basic similarities in life histories; importance of each form to humans and their environment. Previously offered as BOT 3024.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 3110 Special Topics in Plant Biology
Prerequisites: Consent of instructor.
Description: Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 3114 Plant Taxonomy
Prerequisites: PBIO 1404 or equivalent.
Description: Survey of vascular plant families in a phylogenetic framework, and the morphological characters that define them. Principles and practice of plant classification theory and methods. Lab focuses on the identification of species that comprise the Oklahoma flora. Previously offered as BOT 3114.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 3253 Environment and Society (N)
Prerequisites: At least one college level science course strongly recommended.
Description: The environmental impacts of human activities and population growth on the natural world, and possible solutions. Previously offered as BOT 3253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning

PBIO 3263 Plants and People (N)
Description: Study of how plant use has changed the course of world history. This includes the uses of plants and plant products for food and beverages, shelter, fiber, and medicinal and pharmaceutical purposes. Previously offered as BOT 3263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning

PBIO 3273 Medical Botany (N)
Description: Study of plants as a source of medicines, psychoactive compounds and poisons. These topics will be explored in the context of modern western medicine as well as traditional health systems and complementary alternative medicine. Previously offered as BOT 3273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Natural Science Reasoning

PBIO 3403 Hopeful Monsters: Laboratory Analysis of Plant Mutants
Prerequisites: PBIO 1404 or BIOL 1113.
Description: The course will focus on the analysis of selected mutants of the model plant Arabidopsis thaliana. The mutations affect different parts of the plant, including altered cell types, organ identity changes, malformed tissues and organs, unusual organ or seed sizes, and altered fertility. There are seven modules, each consisting of directed and independent analyses of mutations. Light microscopy will be the primary method for the analysis of the mutations.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 3553 Fungi: Myths and More
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111).
Description: This course explores fungal biology and its roles in the environment and impacts on the health and nutrition of plants, animals and humans. Topics include the ethnomycological and industrial uses of fungi in foods, fermentations, medicines, and intoxicants, and the colorful folklore and myths associated with these diverse, enigmatic organisms. Laboratory instruction includes microscopy, microbiological methods, mushroom cultivation, and identification of microfungi and wild mushrooms. Same course as PLP 3553. Previously offered as BOT 3553.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 3890 Advanced Honors Experience in Plant Biology
Prerequisites: Honors Program participation and concurrent enrollment in a designated BIOL or PBIO course.
Description: A supplemental Honors experience in Plant Biology to partner concurrently with designated upper-division BIOL or PBIO course(s). The course adds a different intellectual dimension to the designated course. Same course as PBIO 2890. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology
General Education and other Course Attributes: Honors Credit

PBIO 4005 Field Botany
Prerequisites: PBIO 1404 or equivalent.
Description: Botanical field techniques, the vegetation of North America, and the flora of Oklahoma. Terminology of description, use of taxonomic keys, techniques of specimen preservation, field recognition of plant taxa and communities and controlling ecological factors, economic and wildlife significance of dominant taxa, principles of classification and nomenclature. Three weekend field trips required. May not be used for degree credit with PBIO 5003. Previously offered as BOT 3005.
Credit hours: 5
Contact hours: Lecture: 3 Lab: 4 Contact: 7
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 4013 Biological Microtechnique
Prerequisites: PBIO 1404 or BIOL 1604.
Description: Theories, principles, and methods related to the usage of the light microscope and to the preparation of biological materials for light microscopic examination. May not be used for degree credit with PBIO 5013. Previously offered as BOT 3013.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 3 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 4110 Special Topics in Plant Biology
Prerequisites: Consent of instructor.
Description: Special studies in any area of plant biology. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 4233 Plant Anatomy
Prerequisites: BOT 1404 or equivalent.
Description: Structures of cells, tissues and organs of plants and the developmental, phylogenetic, and functional contexts of the structures. May not be used for degree credit with PBIO 5233. Previously offered as BOT 3233.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 4400 Undergraduate Research
Prerequisites: Consent of instructor.
Description: Undergraduate research problems in plant biology. Previously offered as BOT 4400. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 4423 Plant Mineral Nutrition
Prerequisites: PBIO 4463 or concurrent enrollment.
Description: Uptake, translocation, metabolism, and biochemical function of mineral nutrients in higher plants. May not be used for degree credit with PBIO 5423. Previously offered as BOT 4423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

PBIO 4462 Plant Physiology Laboratory
Prerequisites: PBIO 4463 or PBIO 5463 or concurrent enrollment.
Description: Skills in techniques for working with plants, experiments involving nutrition, respiration, photosynthesis, water relations, translocation, hormones, growth and development. Previously offered as BOT 3460 and BOT 3462.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Biology

PBIO 4463 Plant Physiology
Prerequisites: PBIO 1404 or equivalent.
Description: Plant subcellular structure, water relations, water absorption and ascent of sap, translocation, gaseous exchange, nutrition, enzymes, respiration, photosynthesis, growth, development, reproduction, tropisms, hormones, dormancy and seed germination. May not be used for degree credit with PBIO 5463. Previously offered as BOT 3463.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Biology

PBIO 4524 Biological Laboratory Instrumentation
Prerequisites: CHEM 1515 or equivalent and (BOT 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor).
Description: Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, microcontrollers, spectrophotometers, centrifuges, chromatography, thermacylers, and DNA sequencers. Same course as BIOL 4524, MICR 4524.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 4553 Molecular Phylogenetic Analysis
Prerequisites: Undergraduate genetics strongly recommended.
Description: Covers the use of molecular sequence data to construct evolutionary trees. It integrates theory and computer applications to answer questions involving species relationships, gene evolution, molecular evolution and morphological change, co-evolution, and biogeographic relationships. May not be used for degree credit with PBIO 5553.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 4654 Plant Secondary Metabolism
Prerequisites: PBIO 1404.
Description: This course describes the biochemical pathways and functions of plant secondary metabolites, and how they have been used for medical, pharmaceutical, and agricultural research and industry. Same course as PBIO 5654.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 4800 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A research project under the direction of a faculty member resulting in a written report to be judged by a second faculty member as well. An oral presentation made at a departmental seminar. Required for graduation with departmental honors in plant biology. Previously offered as BOT 4993. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology
General Education and other Course Attributes: Honors Credit

PBIO 4910 Internship in Plant Biology
Prerequisites: Specified hours of documented plant biology work experience.
Description: Supervised experience in an approved work situation related to future career in the plant biology field. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 4990 Independent Study in Plant Biology
Prerequisites: Consent of instructor.
Description: Independent study under the supervision of a faculty member. This will include readings and discussion on a selected topic agreed upon between the student and instructor. Previously offered as BOT 4990. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Biology

PBIO 5000 Master's Thesis
Description: Thesis work for the MS degree. Previously offered as BOT 5000. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Discussion
Department/School: Biology

PBIO 5003 Field Botany
Prerequisites: PBIO 1404 or equivalent.
Description: Botanical field techniques, the vegetation of North America, and the flora of Oklahoma. Terminology of description, use of taxonomic keys, techniques of specimen preservation, field recognition of plant taxa and communities and controlling ecological factors, economic and wildlife significance of dominant taxa, principles of classification and nomenclature. Three weekend field trips required. May not be used for degree credit with PBIO 4005.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5013 Biological Microtechnique
Prerequisites: PBIO 1404 or BIOL 1604.
Description: Theories, principles, and methods related to the usage of the light microscope and to the preparation of biological materials for light microscopic examination. May not be used for degree credit with PBIO 4013.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5104 Mycology
Prerequisites: Graduate standing.
Description: A systematic study of the fungi, with emphasis on taxonomy, comparative morphology, and fungal biology. Same course as PLP 5104. Previously offered as BOT 5104.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5110 Special Topics in Plant Biology
Prerequisites: Consent of instructor.
Description: Special studies in any area of plant biology. Previously offered as BOT 5110. Offered for variable credit, 1-5 credit hours, maximum of 24 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Discussion
Department/School: Biology

PBIO 5210 Research in Plant Biology
Prerequisites: Consent of instructor.
Description: Independent research in any area of plant biology. Previously offered as BOT 5210. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Discussion
Department/School: Biology

PBIO 5233 Plant Anatomy
Prerequisites: PBIO 1404.
Description: Structures of cells, tissues and organs of plants and the developmental, phylogenetic, and functional contexts of the structures. May not be used for degree credit with PBIO 4233.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5423 Plant Mineral Nutrition
Prerequisites: BOT 4463 or concurrent enrollment.
Description: Uptake, translocation, metabolism, and biochemical function of mineral nutrients in higher plants. May not be used for degree credit with PBIO 4423. Previously offered as BOT 5423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

PBIO 5463 Plant Physiology
Prerequisites: PBIO 1404 or equivalent.
Description: Plant subcellular structure, water relations, water absorption and ascent of sap, translocation, gaseous exchange, nutrition, enzymes, respiration, photosynthesis, growth, development, reproduction, tropisms, hormones, dormancy and seed germination. Previously offered as BOT 3463. May not be used for degree credit with PBIO 4463.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

PBIO 5524 Biological Instrumentation
Prerequisites: CHEM 1515 or equivalent and (BOT 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor).
Description: Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocylers, and DNA sequencers. Same course as BIOL 5524 and MICR 5524.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5541 Phylogenomics
Description: Current topics in the theory and application of genome and transcriptome sequencing to phylogenetics, prediction of gene function, and evolution of genes. Previously offered as BOT 5541.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Discussion
Department/School: Biology

PBIO 5553 Molecular Phylogenectic Analysis
Prerequisites: Undergraduate genetics strongly recommended.
Description: Covers the use of molecular sequence data to construct evolutionary trees. It integrates theory and computer applications to answer questions involving species relationships, gene evolution, molecular evolution and morphological change, co-evolution, and biogeographic relationships. May not be used for degree credit with PBIO 4553. Previously offered as BOT 5553.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5563 Plant Ecological Genetics
Prerequisites: Two of the following courses or their equivalent: BIOL 3023, BIOL 3034, and BIOL 4133.
Description: Basic concepts in plant population and quantitative genetics, focusing on techniques that reveal the genetic structure and the adaptive value of ecologically relevant traits. Previously offered as BOT 5563.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

PBIO 5654 Plant Secondary Metabolism
Prerequisites: PBIO 1404.
Description: This course describes the biochemical pathways and functions of plant secondary metabolites, and how they have been used for medical, pharmaceutical, and agricultural research and industry. Same course as PBIO 4654.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Biology

PBIO 5813 Plant Developmental Genetics
Prerequisites: BIOL 3023 or equivalent.
Description: Discussion of the genetic and molecular factors that regulate reproductive and vegetative development in flowering plants. Emphasis on recent publications that deal with model genetic systems and plants of economic significance. Previously offered as BOT 5813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

PBIO 5850 Plant Biology Seminar
Description: Weekly one-hour seminar series of invited and internal speakers. Plant Sciences MS and Plant Sciences (Plant Biology) PhD students are required to present a minimum of two seminars, including one on thesis or dissertation results. Previously offered as BOT 5850. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Biology

PBIO 5910 Internship in Plant Biology
Prerequisites: Specified hours of documented plant biology work experience.
Description: Supervised experience in an approved work situation related to future career in the plant biology field. Graded on a pass/fail basis. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Discussion
Department/School: Biology

PBIO 6000 Doctoral Research
Description: Independent research for the doctoral dissertation. Previously offered as BOT 6000. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.
Credit hours: 1-15
Contact hours: Contact: 1-15 Other: 1-15
Levels: Graduate
Schedule types: Discussion
Department/School: Biology

Undergraduate Programs

- Biology, BS (p. 1118)
- Biology: Allied Health, BS (p. 1121)
- Biology: Environmental Biology, BS (p. 1124)
- Biology: Pre-Medical Sciences, BS (p. 1127)
- Biology: Secondary Teacher Certification, BS (p. 1130)
- Physiology, BS (p. 1133)
- Physiology: Pre-Medical Sciences, BS (p. 1136)
- Plant Biology, BS (p. 1140)
- Plant Biology: Cell Biology and Molecular Genetics, BS (p. 1143)
- Plant Biology: Ecology and Evolutionary Biology, BS (p. 1146)
- Plant Biology: Pre-Forensics, BS (p. 1149)
- Plant Biology: Pre-Law Environmental Policy, BS (p. 1152)
- Plant Biology: Pre-Pharmacy, BS (p. 1155)
- Zoology, BS (p. 1159)
- Zoology: Ecology and Conservation Biology, BS (p. 1162)
- Zoology: Pre-Medical Sciences, BS (p. 1165)
- Zoology: Pre-Veterinary Sciences, BS (p. 1168)
- Zoology: Secondary Teacher Certification, BS (p. 1171)

Graduate Programs

Programs of Study

Programs of study leading to MS and PhD degrees are offered in the Department of Biology. Programs of research and study include degrees of Master of Science or Doctor of Philosophy in Integrative Biology or Plant Biology.

- Integrative Biology, MS (p. 3335)
- Plant Biology, MS (p. 3380)
- Integrative Biology, PhD (p. 3095)
- Plant Biology, PhD (p. 3114)

Minors

- Biology (BIO), Minor (p. 1117)
- Plant Biology (PLB), Minor (p. 1139)
- Zoology (ZOOL), Minor (p. 1158)

Faculty

Andrew Dzialowski, PhD—Professor and Department Head
Regents Professors: Mark Fishbein, PhD; Stanley Fox, PhD (emeritus); Scott McMurry, PhD (emeritus); Ron Van DenBussche, PhD
Professors: Jason Belden, PhD; Andrew Doust, PhD; Donald French, PhD (emeritus); Keith Garbutt, PhD (emeritus); Jennifer Grindstaff, PhD; Punidan Jeyasingh, PhD; Barney Luttbeg, PhD; Mary Towner, PhD; Bruce Waldman, PhD; Linda Watson, PhD (emerita); Shawn Wilder, PhD; Ming Yang, PhD
Associate Professors: Bénédicte Bachelot, PhD; Matthew Bolek, PhD; Meredith Hamilton, PhD (emerita); Matthew Lovern, PhD; Elizabeth McCullagh, PhD; Matteo Minghetti, PhD; Michael Reichert, PhD; Patrick Stephens, PhD
Assistant Professors: Samantha Bock, PhD; Desiré Buckley, PhD; Elisa Casadei, PhD; Antonio Castilla, PhD; Fabio de Andrade Machado, PhD; Neil Gilbert, PhD; Ciaràn Shaughnessy, PhD; Erin Wiley, PhD; Guin Wogan, PhD; Bo Zhang, PhD
Teaching Associate Professor: Lane Greer, PhD; Nicole Parker, PhD; Jodie Wiggins, PhD
Teaching Assistant Professors: Uriel Buitrago-Suarez, PhD; Taylor McElroy, PhD; Will Wiggins, PhD

Biology (BIO), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 27

Code	Title	Hours
Minor Requirements		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Total Hours		**27**

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Biology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution [2]	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 9 hours upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses and MICR 4990)		9
Related Courses		
Physiology, choose from:		4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	
or BIOL 3204	Physiology	
PBIO 4463 & PBIO 4462	Plant Physiology and Plant Physiology Laboratory	
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Supplemental Courses		
Select 9 hours upper-division coursework from at least 2 different prefixes from the following (no more than 3 hours of general education in the natural sciences):		9
ANSI 3543	Principles of Animal Nutrition	
ENGL 3323	Technical Writing	
HDFS 4813	Dying, Death and Bereavement	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	

HLTH 3613	Community Health
HLTH 3723	Principles of Epidemiology
HIST 3913	History of Medicine (H)
HHP 4064	Neuroanatomy
PHIL 3733	Environmental Ethics (H)
PHIL 3833	Biomedical Ethics (H)
PHIL 4713	Philosophy of Science (H)
PHIL 4733	Philosophy of Biology (H)
POLS 4363	Environmental Law And Policy
PSYC 3073	Neurobiological Psychology (N)
PSYC 3443	Psychopathology (S)
PSYC 4263	Affective Neuroscience
SOC 4153	Sociology of Health and Illness
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4493	Sociology of Environmental Hazards and Disasters
Or from BIOC, CHEM, ENTO, ENVR, GEOG, GEOL, HORT, MATH, NREM, PHYS, PLNT, PLP, SOIL, and STAT	
Hours Subtotal	**57**
Electives [2]	
Select 9 hours	9
MATH 1513 required for students who do not place directly into MATH 1813.	
May need to include 6 hours of a foreign language (see note 3).	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours.	
Hours Subtotal	**9**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of

Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
General Education courses		7
	Hours	**15**
Spring		
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
General Education courses		5
	Hours	**15**
Spring		
BIOL 3034	General Ecology	4
PBIO 1404	Plant Biology (LN)	4
MICR 3033	Cell and Molecular Biology	3
Major or Elective courses		4
	Hours	**15**
Junior		
Fall		
CHEM 3053 or CHEM 3013 ***and*** CHEM 3012	Organic Chemistry I or Survey of Organic Chemistry ***and*** Survey of Organic Chemistry Laboratory	5
PHYS 1114	College Physics I (LN)	4
Major or Elective courses		6
	Hours	**15**
Spring		
Choose one of the following:		**4**
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	
or		
PBIO 4462 & PBIO 4463	Plant Physiology Laboratory and Plant Physiology	
PHYS 1214 or CHEM 3153 ***and*** CHEM 3112	College Physics II (LN) or Organic Chemistry II ***and*** Organic Chemistry Laboratory	4
General Education or Supplemental courses		7
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
PHYS 1214	College Physics II (LN) (If taking CHEM 3153 and CHEM 3112)	4
General Education, Major, or Supplemental courses		8
	Hours	**15**
Spring		
BIOL 4133	Evolution	3
General Education, Major, or Supplemental courses		12
	Hours	**15**
	Total Hours	**120**

Biology: Allied Health, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution [2]	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 6 hours upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses and MICR 4990).		6
Related Courses		
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	4
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
Supplemental Courses		
Select three of the following from at least 2 different prefixes:		9
BIOC 3653	Survey of Biochemistry	
BIOC 3713	Biochemistry I	
BIOL 3233	Human Reproduction	
BIOL 4073	Principles of Neuroscience	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4333	Disease Ecology	
BIOL 4363	Principles of Toxicology	
BIOL 4524	Biological Laboratory Instrumentation	
ENGL 3323	Technical Writing	
GEOG 3373	Health and Maps	

HDFS 4813	Dying, Death and Bereavement	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	
HLTH 3613	Community Health	
HLTH 3723	Principles of Epidemiology	
HHP 3114	Physiology of Exercise	
HHP 4064	Neuroanatomy	
HIST 3913	History of Medicine (H)	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 3553	Foundations of Cancer	
MICR 4053	Pathogenic Microbiology	
NSCI 4123	Human Nutrition and Metabolism I	
NSCI 4143	Human Nutrition and Metabolism II	
PBIO 4013	Biological Microtechnique	
PHIL 3833	Biomedical Ethics (H)	
PSYC 3443	Psychopathology (S)	
PSYC 4263	Affective Neuroscience	
SOC 4153	Sociology of Health and Illness	
Hours Subtotal		**58**
Electives [2]		
Select 8 hours		8
MATH 1513 required for students who do not place directly into MATH 1813.		
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours.		
PSYC 1113 Recommended.		
Hours Subtotal		**8**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
CHEM 1314	Chemistry I (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education courses		6
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
BIOL 1604	Animal Biology	4
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
General Education or Elective courses		6
	Hours	**15**
Spring		
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
PBIO 1404	Plant Biology (LN)	4
Major or Elective courses		6
	Hours	**15**
Junior		
Fall		
Select from the following:		4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	
or		
BIOL 3204	Physiology	
MICR 3033	Cell and Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
Major or Elective courses		4
	Hours	**15**
Spring		
BIOL 3214	Human Anatomy	4
PHYS 1214	College Physics II (LN)	4
General Education or Supplemental courses		7
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
General Education, Major, or Supplemental courses		8
	Hours	**15**
Spring		
BIOL 4133	Evolution	3
General Education, Major, or Supplemental courses		12
	Hours	**15**
	Total Hours	**120**

Biology: Environmental Biology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution [2]	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
Select 6 hours of upper-division coursework from: BIOL, MICR, PBIO (excluding general education courses and MICR 4990)		6
Related Courses		
BIOL 3163	Environmental Biology	3
or BIOL 3513	Principles of Conservation Biology	
Physiology, choose from:		4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	
or BIOL 3204	Physiology	
PBIO 4462 & PBIO 4463	Plant Physiology Laboratory and Plant Physiology	
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Supplemental Courses		
Select three of the following from at least 2 different prefixes.:		9
BIOL 3513	Principles of Conservation Biology	
BIOL 4333	Disease Ecology	
BIOL 4273	Environmental Physiology	
BIOL 4303	Organismal Ecotoxicology	
BIOL 4363	Principles of Toxicology	

BIOL 4434	Limnology
ENGL 3323	Technical Writing
ENVR 4033	Ecology of Invasive Species
GEOG 3023	Climatology (N)
GEOG 3153	Conservation of Natural Resources (S)
GEOG 3373	Health and Maps
GEOG 4053	Biogeography, Biodiversity, and Humankind
GEOG 4073	Climate Change: Past, Present, and Future
GEOG 4113	Environment and Development
GEOG 4233	Human Dimensions of Global Environmental Change
GEOG 4333	Remote Sensing
GEOL 3503	Environmental Geology (N)
GEOL 4453	Hydrogeology
GEOL 4503	Introduction to Oceanography (N)
NREM 3153	Forest Health and Disturbance Ecology
NREM 4023	Restoration Ecology
NREM 4033	Ecology Of Invasive Species
NREM 4043	Natural Resource Administration and Policy
NREM 4443	Watershed Hydrology and Water Quality
NREM 4523	Wildlife Management Techniques
PBIO 4005	Field Botany
PHIL 3733	Environmental Ethics (H)
POLS 4363	Environmental Law And Policy
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4493	Sociology of Environmental Hazards and Disasters
Hours Subtotal	**57**
Electives [2]	
Select 9 hours	9
MATH 1513 required for students who do not place directly into MATH 1813.	
May need to include 6 hours of a foreign language. (see note 3.)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours.	
Hours Subtotal	**9**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
General Education courses		7
	Hours	**15**
Spring		
CHEM 1314	Chemistry I (LN)	4
PBIO 1404	Plant Biology (LN)	4
General Education courses		7
	Hours	**15**
Sophomore		
Fall		
BIOL 1604	Animal Biology	4
CHEM 1515	Chemistry II (LN)	5
General Education or Elective courses		6
	Hours	**15**
Spring		
CHEM 3053 or CHEM 3013 ***and*** CHEM 3012	Organic Chemistry I or Survey of Organic Chemistry ***and*** Survey of Organic Chemistry Laboratory	5
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
General Education or Elective courses		5
	Hours	**15**
Junior		
Fall		
BIOL 3034 or CHEM 3153 ***and*** CHEM 3112	General Ecology or Organic Chemistry II ***and*** Organic Chemistry Laboratory	4
BIOL 3163	Environmental Biology	3
MICR 3033	Cell and Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
Major or Elective courses		1
	Hours	**15**
Spring		
Choose one of the following:		**4**
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	
or		
PBIO 4462 & PBIO 4463	Plant Physiology Laboratory and Plant Physiology	
PHYS 1214	College Physics II (LN)	4
Major or Supplemental courses		7
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology (If taking CHEM 3153 & CHEM 3112)	4
General Education, Major, or Supplemental courses		8
	Hours	**15**
Spring		
BIOL 4133	Evolution	3
General Education, Major, or Supplemental courses		12
	Hours	**15**
	Total Hours	**120**

Biology: Pre-Medical Sciences, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Languages		
(See note 3.)		0
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum GPA 2.50 in Major Requirements OR minimum grade of "C" in each course.		
Core Courses:		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution [2]	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PBIO 1404	Plant Biology (LN)	4
6 hours upper-division coursework from BIOL, MICR, PBIO (excluding general education courses)		6
Related Courses:		
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
Choose two of the following:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3233	Human Reproduction	
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4333	Disease Ecology	
BIOL 4363	Principles of Toxicology	
Supplemental Courses:		
Select one course from the following:		3

ANSI 3543	Principles of Animal Nutrition	
ENGL 3323	Technical Writing	
HDFS 4813	Dying, Death and Bereavement	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	
HLTH 3723	Principles of Epidemiology	
HHP 4064	Neuroanatomy	
HIST 3913	History of Medicine (H)	
PHIL 3833	Biomedical Ethics (H)	
PSYC 3443	Psychopathology (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 4263	Affective Neuroscience	
SOC 4153	Sociology of Health and Illness	
Or from CHEM, ENVR, GEOG, GEOL, MATH, PHYS, and STAT		
Hours Subtotal		**57**
Electives		
Select 9 hours		9
MATH 1513 required for students who do not place directly into MATH 1813.		
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours.		
Hours Subtotal		**9**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
CHEM 1314	Chemistry I (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education courses		6
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
General Education or Elective courses		2
	Hours	**15**
Spring		
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory	5
PHYS 1114	College Physics I (LN)	4
General Education or Elective courses		6
	Hours	**15**
Junior		
Fall		
BIOC 3653	Survey of Biochemistry	3
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
PHYS 1214	College Physics II (LN)	4
Elective courses		4
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
PBIO 1404	Plant Biology (LN)	4
UNIV 3511	Health Profession School Preparation (Suggested)	1
Major or Elective courses		7
	Hours	**15**
Senior		
Fall		
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
General Education, Major, or Supplemental courses		8
	Hours	**15**
Spring		
General Education, Major, or Supplemental courses		15
	Hours	**15**
	Total Hours	**120**

Biology: Secondary Teacher Certification, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1,2]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		3
Courses designated (DH)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1,2]	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) [1,2]	4
CHEM 1515	Chemistry II (LN) [1,2]	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		0
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a		3
Natural & Mathematical Sciences		
PBIO 1404	Plant Biology (LN) [2]	4
PHYS 1114	College Physics I (LN) [2]	4
STAT 4013	Statistical Methods I (Q) [2]	3
or STAT 2013	Elementary Statistics (Q)	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**15**
Major Requirements		
Biology Core:		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Biology Core and those denoted with [2]		
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
Select 3 hours PBIO coursework 3000- or 4000-level.		3
Secondary Education Professional Core:		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in K-12 Education	3
SMED 4611	Authentic Research in the Science Classroom [3]	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach [3]	3
SMED 4713	Teaching and Learning Science in the Secondary School [3]	3
SPED 3202	Educating Exceptional Learners	2
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School	4
CIED 4720	Internship in the Secondary Classroom [3]	8
Hours Subtotal		**61**
Electives		
Select 4 hours		4

MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 3 hours of a foreign language (see note 3)	
Hours Subtotal	**4**
Total Hours	**120**

1. College and Departmental Requirements that may be used to meet General Education Requirements.
2. Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Biology Core and those denoted with this footnote.
3. Full Admission to Professional Education required.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (Q)	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education Courses		3
	Hours	**16**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1314	Chemistry I (LN)	4
BIOL 1604	Animal Biology	4
General Education and College courses		4
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
SPED 3202	Educating Exceptional Learners	2
General Education courses		3
	Hours	**14**
Spring		
PHYS 1114	College Physics I (LN)	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
SMED 3013	Knowing and Learning in K-12 Education	3
General Education and College courses		3
	Hours	**15**
Junior		
Fall		
BIOL 3023	General Genetics	3
MICR 3033	Cell and Molecular Biology	3
CIED 3313	Field Experience in the Secondary Schools	3
PBIO coursework 3000- or 4000-level		3
General Education courses		3
	Hours	**15**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
General Education and College courses		6
	Hours	**20**
Senior		
Fall		
BIOL 3034	General Ecology	4
STAT 4013 or STAT 2013	Statistical Methods I (Q) or Elementary Statistics (Q)	3
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School	4
SMED 4713	Teaching and Learning Science in the Secondary School	3
General Education and College courses		3
	Hours	**17**
Spring		
CIED 4720	Internship in the Secondary Classroom	8
	Hours	**8**
	Total Hours	**120**

Physiology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**42**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course.		
Core Courses		
BIOC 3653	Survey of Biochemistry	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 3114	Vertebrate Morphology	4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution [2]	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
Related Courses		
Select two courses, including at least one BIOL, from the following:		6
ANSI 3543	Principles of Animal Nutrition	
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4303	Organismal Ecotoxicology	
BIOL 4363	Principles of Toxicology	

HHP 4064	Neuroanatomy	
MICR 3223	Advanced Microbiology	
MICR 3143	Medical Mycology	
MICR 3253	Immunology	
MICR 3553	Foundations of Cancer	
MICR 4123	Virology	
MICR 4423	Antibiotics and Antibiotic Resistance	
Hours Subtotal		**59**
Electives [2]		
Select 6 hours		6
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 2 additional upper-division hours		
Hours Subtotal		**6**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.0 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education courses		5
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
BIOL 1604	Animal Biology	4
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
General Education or Elective courses		6
	Hours	**15**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
CHEM 3053	Organic Chemistry I	3
MICR 3033	Cell and Molecular Biology	3
General Education or Elective courses		5
	Hours	**15**
Junior		
Fall		
BIOL 3114	Vertebrate Morphology	4
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory	5
Major or Elective courses		6
	Hours	**15**
Spring		
BIOL 4215	Mammalian Physiology	5
PHYS 1114	College Physics I (LN)	4
Major or Elective courses		6
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
PHYS 1214	College Physics II (LN)	4
Major or Elective courses		5
	Hours	**15**
Spring		
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
Major or General Education courses		8
	Hours	**15**
	Total Hours	**120**

Physiology: Pre-Medical Sciences, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**42**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 3114	Vertebrate Morphology	4
or BIOL 3214	Human Anatomy	
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution [2]	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
BIOC 3653	Survey of Biochemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
Related Courses		
Select two courses, including at least one BIOL, from the following:		6
BIOL 4024	Histology	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4363	Principles of Toxicology	

HHP 4064	Neuroanatomy	
MICR 3143	Medical Mycology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
MICR 3553	Foundations of Cancer	
MICR 4123	Virology	
MICR 4423	Antibiotics and Antibiotic Resistance	
Hours Subtotal		**59**
Electives [2]		
Select 6 hours		6
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 2 additional upper-division hours		
Recommended courses:		
PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
Hours Subtotal		**6**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.0 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education courses		5
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
General Education or Elective courses		2
	Hours	**15**
Spring		
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory	5
PHYS 1114	College Physics I (LN)	4
General Education courses		6
	Hours	**15**
Junior		
Fall		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
BIOC 3653	Survey of Biochemistry	3
PHYS 1214	College Physics II (LN)	4
Major or Elective courses		4
	Hours	**15**
Spring		
BIOL 4215	Mammalian Physiology	5
MICR 3033	Cell and Molecular Biology	3
UNIV 3511	Health Profession School Preparation (Suggested)	1
Major or Elective courses		6
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
Major or General Education courses		9
	Hours	**15**
Spring		
BIOL 3034	General Ecology	4
BIOL 3214	Human Anatomy	4
BIOL 4133	Evolution	3
Major or General Education courses		4
	Hours	**15**
	Total Hours	**120**

Plant Biology (PLB), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.00 with no grade below "C."
Total Hours: 15

Code	Title	Hours
Minor Requirements		
PBIO 1404	Plant Biology (LN)	4
Select 3-4 hours from the following:		3-4
BIOL 3023	General Genetics	
BIOL 3034	General Ecology	
BIOL 4133	Evolution	
Select 7-8 hours from PBIO 2403 or other upper-division PBIO courses to complete the required 15 hours		7-8
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Plant Biology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) [1]	4
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Core Courses		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 3423	Course PBIO 3423 Not Found	3
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Related Courses:		
Select 18 hours of upper-division course work (no more than 3 hours of general education courses) from the following:		18
BIOC; BIOL; CHEM, CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT		
Hours Subtotal		**48**
Electives		
Select 18 hours		18
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**18**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all PBIO and BIOL courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1813	Preparation for Calculus (Q) (or higher)	3
PBIO 1404	Plant Biology (LN)	4
General Education or Elective courses		3
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education or Elective courses		4
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4

General Education, College, or Major courses		7
	Hours	**16**
Spring		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
Students who take CHEM 3053 should plan to enroll in 6 hours of Major, College, or Elective courses		
PBIO 2403	Introduction to Plant Molecular Biology	3
General Education, College, or Major courses		6
	Hours	**14**
Junior		
Fall		
BIOL 3034	General Ecology	4
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory	5
CHEM 3153 and CHEM 3112 should be taken if student previously took CHEM 3053		
Major, College, and Elective courses		6
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major, College, and Elective courses		12
	Hours	**16**
Senior		
Fall		
BIOL 4133	Evolution	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Plant Biology: Cell Biology and Molecular Genetics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) [1]	4
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Core Courses		
BIOL 3023	General Genetics	3
BIOL 4133	Evolution	3
BIOL 4524	Biological Laboratory Instrumentation	4
PBIO 1404	Plant Biology (LN)	4
PBIO 3423	Course PBIO 3423 Not Found	3
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
7 additional hours of PBIO courses		7
Organic Chemistry, choose from		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
or MICR 3033	Cell and Molecular Biology	
Related Courses		
Select 15 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		15
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
Hours Subtotal		**51**
Electives		
Select 15 hours		15
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**15**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all BIO and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
PBIO 1404	Plant Biology (LN)	4
MATH 1813	Preparation for Calculus (Q) (or higher)	3
General Education or Elective courses		6
	Hours	**14**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education or Elective courses		7
	Hours	**15**

Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
General Education, College, or Elective courses		6
	Hours	**14**
Spring		
CHEM 3053 or CHEM 3013	Organic Chemistry I or Survey of Organic Chemistry	3
Students who take CHEM 3013 should plan to enroll in CHEM 3012 and reduce their College, Major, or Elective credits		
PBIO 2403	Introduction to Plant Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
General Education, Major, or Elective courses		6
	Hours	**16**
Junior		
Fall		
BIOL 3023	General Genetics	3
CHEM 3153	Organic Chemistry II (if student took CHEM 3053)	3
CHEM 3112 or CHEM 3012	Organic Chemistry Laboratory or Survey of Organic Chemistry Laboratory	2
PBIO 4233	Plant Anatomy	3
College, Major, and Elective courses		3
	Hours	**14**
Spring		
PBIO 4400	Undergraduate Research	1
PBIO 4463	Plant Physiology	3
College, Major, or Elective courses		12
	Hours	**16**
Senior		
Fall		
BIOL 4133	Evolution	3
Major or Elective courses		12
	Hours	**15**
Spring		
PBIO 4654	Plant Secondary Metabolism	4
Major or Elective courses		12
	Hours	**16**
	Total Hours	**120**

Plant Biology: Ecology and Evolutionary Biology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) [1]	4
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Core Courses		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 3423	Course PBIO 3423 Not Found	3
PBIO 4005	Field Botany	5
or PBIO 3114	Plant Taxonomy	
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses.		7
Organic Chemistry, choose from		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Related Courses		
Select 15 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		15
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
Hours Subtotal		**50**
Electives		
Select 16 hours		16
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all BIOL and PBIO courses.

- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
MATH 1813	Preparation for Calculus (Q) (or higher)	3
PBIO 1404	Plant Biology (LN)	4
General Education and Elective courses		7
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education and Elective courses		7
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PHYS 1114	College Physics I (LN)	4
General Education, College, or Elective courses		6

MICR 2123 recommended Elective		
	Hours	**15**
Spring		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory (if taking CHEM 3013 only)	2
PBIO 2403	Introduction to Plant Molecular Biology	3
General Education, College, or Major courses		7
	Hours	**15**
Junior		
Fall		
BIOL 3034	General Ecology	4
PBIO 4005	Field Botany (or PBIO 3114 in spring)	5
College, Major, and Elective courses		6
Take CHEM 3112 and CHEM 3153 if completing CHEM 3053		
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major and Elective courses		11
Take PBIO 3114 if needed		
	Hours	**15**
Senior		
Fall		
BIOL 4133	Evolution	3
Major and Elective courses		12
	Hours	**15**
Spring		
Major and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Plant Biology: Pre-Forensics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) [1]	4
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other first-year seminar course)	1
Arts & Humanities		
(See Note 2.a.)		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Languages		
0-6 hours (See note 3.)		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Core Courses:		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
PBIO 1404	Plant Biology (LN)	4
PBIO 3423	Course PBIO 3423 Not Found	3
BIOL 4524	Biological Laboratory Instrumentation	4
BIOC 3653	Survey of Biochemistry	3
or MICR 2123	Introduction to Microbiology	
PBIO 4400	Undergraduate Research (1 hour)	1
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
7 additional hours of PBIO courses.		7
Pre-Forensics Courses (choose 12 hours from the following - may need to include 12 upper-division hours):		12
BIOC 3653	Survey of Biochemistry	
BIOC 3723	Biochemistry and Molecular Biology Laboratory	
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	
CHEM 2113	Principles of Analytical Chemistry	
CHEM 2122	Quantitative Analysis Laboratory	
ENTO 4573	Introduction to Forensic Entomology	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
MICR 3033	Cell and Molecular Biology	
PBIO 4463	Plant Physiology	
SOC 4333	Criminology	
SOC 4733	Criminal Behavior Analysis	
Hours Subtotal		**52**
Electives		
Select 14 hours		14
May need to include 6 hours of a foreign language (see note 3.).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Recommended courses:		
PBIO 3114	Plant Taxonomy	
PBIO 3553	Fungi: Myths and More	
PBIO 4005	Field Botany	

SOC 4733	Criminal Behavior Analysis	
SOC 4753	Advanced Forensics	
Hours Subtotal		**14**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

MATH 1813	Preparation for Calculus (Q)	3
PBIO 1404	Plant Biology (LN)	4
General Education courses		4
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
General Education courses		7
	Hours	**15**
Spring		
CHEM 3053	Organic Chemistry I	3
BIOL 3034	General Ecology	4
PBIO 2403	Introduction to Plant Molecular Biology	3
Major and College courses		5
	Hours	**15**
Junior		
Fall		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
Major, College, and Elective courses		10
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
STAT 4013 or STAT 2013	Statistical Methods I (Q) or Elementary Statistics (Q)	3
Major, College, and Elective courses		9
	Hours	**16**
Senior		
Fall		
BIOL 4133	Evolution	3
PBIO 4524	Biological Laboratory Instrumentation	4
Major, College, and Elective courses		7
	Hours	**14**
Spring		
PBIO 4013	Biological Microtechnique	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Plant Biology: Pre-Law Environmental Policy, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1513	College Algebra (Q) (or higher) [1]	3
PHIL 1313	Logic and Critical Thinking (Q) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
PHYS 1114	College Physics I (LN) [1]	4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S) [1]	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		3
Hours Subtotal		**44**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Core Courses:		
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 4133	Evolution	3
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	5
PBIO 1404	Plant Biology (LN)	4
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7
Pre-Law Courses:		
9 hours from the following:		9
AGEC 1113	Introduction to Agricultural Economics (S)	
AGEC 3713	Agricultural Law	
AMIS 2013	Introduction to American Indian Studies (D)	
LSB 1113	Law in Society	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3843	Philosophy of Law (H)	
POLS 2023	Introduction to Law and Legal Studies (S)	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying and the Power of Organized Interests	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
Related Courses:		
Select 9 hours of upper-division coursework (no more than 3 hours of general education courses) from the following:		9
BIOC; BIOL; CHEM; CS; ENTO; ENVR; GEOG; GEOL; HORT; MATH; MICR; NREM; PBIO; PHYS; PLNT; PLP; SOIL; or STAT.		
Hours Subtotal		**45**
Electives		
Select 18 hours		18
May need to include 6 hours of a foreign language (see note 3.).		

May need to include 6 hours upper-division general education outside major department (see note 2.c.).	
Additional requirements dependent on law school.	
Hours Subtotal	**18**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA of 2.00 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 1513	College Algebra (Q)	3
PBIO 1404	Plant Biology (LN)	4

General Education courses		4
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		7
	Hours	**15**
Spring		
CHEM 3013	Survey of Organic Chemistry	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
BIOL 3034	General Ecology	4
Major and College courses		6
	Hours	**15**
Junior		
Fall		
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		11
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
Major courses		11
	Hours	**15**
Senior		
Fall		
BIOL 4133	Evolution	3
Major courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Plant Biology: Pre-Pharmacy, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.5
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q)	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
PHYS 1114	College Physics I (LN) [1]	4
PHYS 1214	College Physics II (LN) [1]	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Core Courses:		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 3023	General Genetics	3
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology and Physiology Lab Physiology	4
BIOL 3214	Human Anatomy	4
BIOL 4133	Evolution	3
BIOL 4253	Pharmacology	3
BIOC 3653	Survey of Biochemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 2123	Introduction to Microbiology	3
MICR 3033	Cell and Molecular Biology	3
STAT 3023 or STAT 4013 or STAT 2013	Statistical Reasoning for Medical Applications (Q) Statistical Methods I (Q) Elementary Statistics (Q)	3
PBIO 1404	Plant Biology (LN)	4
PBIO 3273	Medical Botany (N)	3
PBIO 3423	Course PBIO 3423 Not Found	3
PBIO 4400	Undergraduate Research	1
7 additional hours of PBIO courses		7
Hours Subtotal		**61**
Electives		
Select 6 hours		6
May need to include 6 hours of a foreign language		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144		
Additional requirements dependent on pharmacy school		
Hours Subtotal		**6**
Total Hours		**120**

Other Requirements:

- See College of Arts & Sciences Requirements.
- Minimum GPA of 2.00 in all BIOL and PBIO courses.

- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
CHEM 1314	Chemistry I (LN)	4
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
PBIO 1404	Plant Biology (LN)	4
	Hours	**16**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
CHEM 1515	Chemistry II (LN)	5
General Education courses		3
	Hours	**15**

Sophomore		
Fall		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education courses		3
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PBIO 2403	Introduction to Plant Molecular Biology	3
PBIO 3273	Medical Botany (N)	3
Major, College, General Education courses		4
	Hours	**15**
Junior		
Fall		
BIOC 3653	Survey of Biochemistry	3
MICR 3033	Cell and Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		5
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
PBIO 4400	Undergraduate Research	1
PHYS 1214	College Physics II (LN)	4
Major courses		7
	Hours	**15**
Senior		
Fall		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
BIOL 4133	Evolution	3
Major and Elective courses		8
	Hours	**15**
Spring		
BIOL 3214	Human Anatomy	4
PBIO 4654	Plant Secondary Metabolism	4
Major and Elective courses		6
	Hours	**14**
	Total Hours	**120**

Zoology (ZOOL), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 24

Code	Title	Hours
Minor Requirements		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 4133	Evolution	3
Select one of the following:		4
BIOL 3034	General Ecology	
BIOL 3203	Physiology	
&		
BIOL 3201	Physiology Lab	
OR		
BIOL 3204	Physiology	
Select one of the following: [1]		3
BIOL 3104	Invertebrate Zoology	
BIOL 4104	General Parasitology	
BIOL 4134	Embryology	
BIOL 4174	Mammalogy	
BIOL 4184	Herpetology	
BIOL 4413	Biology of Fishes	
BIOL 4434	Limnology	
BIOL 4464	Ornithology	
Select one additional upper-division course in BIOL (excluding general education courses).		3
Total Hours		**24**

[1] If a four-hour course is chosen, the total hours will increase by one.

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Zoology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Morphology	4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution [2]	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Biology	
or BIOL 4730	Collaborative Research in Biology	
MICR 2123	Introduction to Microbiology	3
or MICR 3033	Cell and Molecular Biology	
Select 10 hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		10
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Supplemental Courses		
Select 2 of the following from different prefixes:		6
ANSI 3444	Animal Reproduction	
BIOC 3653	Survey of Biochemistry	
CHEM 4313	Medicinal Organic Chemistry	
ENGL 3323	Technical Writing	
ENTO 4223	Ecological Methodology	
ENTO 4484	Aquatic Entomology	
ENVR 3113	Environmental Sampling and Analysis	
ENVR 4033	Ecology of Invasive Species	

GEOG 3023	Climatology (N)
GEOG 3153	Conservation of Natural Resources (S)
GEOG 3373	Health and Maps
GEOG 4053	Biogeography, Biodiversity, and Humankind
GEOG 4073	Climate Change: Past, Present, and Future
GEOG 4083	Grasslands and Savannas: Evolution and Environmental Issues
GEOG 4203	Fundamentals of Geographic Information Systems
GEOG 4333	Remote Sensing
GEOL 3503	Environmental Geology (N)
GEOL 4453	Hydrogeology
GEOL 4503	Introduction to Oceanography (N)
GEOL 4513	Marine Geology
HLTH 3113	Health Issues in Diverse Populations (D)
HLTH 3603	Understanding HIV (DS)
HIST 3913	History of Medicine (H)
HIST 4523	American Environmental History (H)
MICR 3253	Immunology
MICR 3553	Foundations of Cancer
NREM 3143	Forest Biology
NREM 3153	Forest Health and Disturbance Ecology
NREM 3503	Principles of Wildlife Ecology and Management
NREM 3523	Fish and Wildlife Population Biology
NREM 4023	Restoration Ecology
NREM 4033	Ecology Of Invasive Species
NREM 4043	Natural Resource Administration and Policy
NREM 4443	Watershed Hydrology and Water Quality
NREM 4523	Wildlife Management Techniques
NREM 4543	Wildlife Management for Biodiversity
PHIL 3703	Ethics & Animals (H)
PHIL 3733	Environmental Ethics (H)
PHIL 3833	Biomedical Ethics (H)
PHIL 4713	Philosophy of Science (H)
PHIL 4733	Philosophy of Biology (H)
POLS 4363	Environmental Law And Policy
PSYC 3113	Comparative Psychology (N)
PSYC 3443	Psychopathology (S)
SOC 4153	Sociology of Health and Illness
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
Hours Subtotal	**55**
Electives [2]	
Select 11 hours	11
May need to include 6 hours of a foreign language. See note 3	
MATH 1513 required for students who do not place directly into MATH 1813.	
PSYC 1113 and SOC 1113 recommended.	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
Hours Subtotal	**11**
Total Hours	**120**

1 College and Departmental Requirements that may be used to meet General Education Requirements.

2 With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.).

Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
General Education courses		7
	Hours	**15**
Spring		
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
	Hours	**15**
Sophomore		
Fall		
BIOL 3034	General Ecology	4
CHEM 1515	Chemistry II (LN)	5
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
General Education or Elective courses		3
	Hours	**15**
Spring		
BIOL 3104	Invertebrate Zoology	4
PHYS 1114	College Physics I (LN)	4
Major or Elective courses		7
	Hours	**15**
Junior		
Fall		
BIOL 3114	Vertebrate Morphology	4
BIOL 4700 or BIOL 4710 or BIOL 4730	Undergraduate Research Problems or Internships in Biology or Collaborative Research in Biology	1
PHYS 1214	College Physics II (LN)	4
Major or Elective courses		6
	Hours	**15**
Spring		
CHEM 3053 or CHEM 3013 ***and*** CHEM 3012	Organic Chemistry I or Survey of Organic Chemistry ***and*** Survey of Organic Chemistry Laboratory	5
Choose an upper division BIOL course with a lab		4
General Education or Supplemental courses		6
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory (If taking 8-hour sequence)	5
General Education, Major, or Supplemental courses		7
	Hours	**15**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
BIOL 4133	Evolution	3
General Education, Major, or Supplemental courses		8
	Hours	**15**
	Total Hours	**120**

Zoology: Ecology and Conservation Biology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) and Introductory Biology Laboratory (LN) Introductory Biology (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Morphology	4
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology and Physiology Lab Physiology	4
BIOL 4133	Evolution [2]	3
BIOL 4700 or BIOL 4710 or BIOL 4730	Undergraduate Research Problems (1 hour) Internships in Biology Collaborative Research in Biology	1
MICR 2123 or MICR 3033	Introduction to Microbiology Cell and Molecular Biology	3
Select 4 additional hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		4
Organic Chemistry, choose from:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Related Courses		
BIOL 3153 or BIOL 4313	Animal Behavior Animal Communication	3
BIOL 3513	Principles of Conservation Biology	3
PBIO 1404 or PBIO 4005	Plant Biology (LN) Field Botany	4
Supplemental Courses		

Select one of the following:		3
ENGL 3323	Technical Writing	
ENTO 4223	Ecological Methodology	
ENTO 4484	Aquatic Entomology	
ENVR 3113	Environmental Sampling and Analysis	
ENVR 4033	Ecology of Invasive Species	
GEOG 3023	Climatology (N)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 3373	Health and Maps	
GEOG 4053	Biogeography, Biodiversity, and Humankind	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4333	Remote Sensing	
GEOL 3503	Environmental Geology (N)	
GEOL 4453	Hydrogeology	
GEOL 4503	Introduction to Oceanography (N)	
NREM 3143	Forest Biology	
NREM 3153	Forest Health and Disturbance Ecology	
NREM 3503	Principles of Wildlife Ecology and Management	
NREM 3523	Fish and Wildlife Population Biology	
NREM 4023	Restoration Ecology	
NREM 4033	Ecology Of Invasive Species	
NREM 4043	Natural Resource Administration and Policy	
NREM 4443	Watershed Hydrology and Water Quality	
NREM 4523	Wildlife Management Techniques	
NREM 4543	Wildlife Management for Biodiversity	
PHIL 3733	Environmental Ethics (H)	
POLS 4363	Environmental Law And Policy	
SOC 4433	Environmental Sociology (S)	
Hours Subtotal		**56**
Electives [2]		
Select 10 hours		10
MATH 1513 required for students who do not place directly into MATH 1813.		
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
PSYC 1113 and SOC 1113 recommended.		
Hours Subtotal		**10**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing

examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
General Education courses		7
	Hours	**15**
Spring		
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404 or PBIO 4005	Plant Biology (LN) or Field Botany	4
General Education or Elective courses		6
	Hours	**15**
Spring		
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
MICR 2123 or MICR 3033	Introduction to Microbiology or Cell and Molecular Biology	3
General Education and Major courses		4
	Hours	**15**
Junior		
Fall		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Morphology	4
BIOL 3513	Principles of Conservation Biology	3
ENGL 3323	Technical Writing (Suggested)	3
Supplemental or Elective courses		2
	Hours	**15**
Spring		
BIOL 3153	Animal Behavior	3
BIOL 4700 or BIOL 4710 or BIOL 4730	Undergraduate Research Problems or Internships in Biology or Collaborative Research in Biology	1
CHEM 3053 or CHEM 3013 ***and*** CHEM 3012	Organic Chemistry I or Survey of Organic Chemistry ***and*** Survey of Organic Chemistry Laboratory	5
PHYS 1114	College Physics I (LN)	4
Elective Courses		2
	Hours	**15**
Senior		
Fall		
BIOL 4133	Evolution	3
PHYS 1214 or CHEM 3153 ***and*** CHEM 3153	College Physics II (LN) or Organic Chemistry II ***and*** Organic Chemistry II	4
General Education, Major, or Supplemental courses		8
	Hours	**15**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
Choose an upper division BIOL course with a lab		4
General Education, Major, or Supplemental courses		7
	Hours	**15**
	Total Hours	**120**

Zoology: Pre-Medical Sciences, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
or BIOL 4104	General Parasitology	
BIOL 3114	Vertebrate Morphology	4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution [2]	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Biology	
or BIOL 4730	Collaborative Research in Biology	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
Select 4 hours upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		4
Related Courses		
BIOC 3653	Survey of Biochemistry	3
Supplemental Courses		
Select one of the following:		3
CHEM 4313	Medicinal Organic Chemistry	
ENGL 3323	Technical Writing	
GEOG 3373	Health and Maps	
HDFS 4813	Dying, Death and Bereavement	
HHP 4064	Neuroanatomy	
HIST 3913	History of Medicine (H)	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	

HLTH 3723	Principles of Epidemiology	
MICR 3253	Immunology	
MICR 3553	Foundations of Cancer	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
SOC 4153	Sociology of Health and Illness	
PSYC 3443	Psychopathology (S)	
Hours Subtotal		**57**
Electives [2]		
Select 9 hours		9
MATH 1513 required for students who do not place directly into MATH 1813.		
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours		
PSYC 1113 and SOC 1113 recommended.		
Hours Subtotal		**9**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
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   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
CHEM 1314	Chemistry I (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
UNIV 2511	Introduction to Health Careers (Suggested)	1
General Education courses		6
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
BIOL 1604	Animal Biology	4
CHEM 3053	Organic Chemistry I	3
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
UNIV 2611	Health Portfolio and Self-Development (Suggested)	1
General Education courses		2
	Hours	**15**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
CHEM 3153 & CHEM 3112	Organic Chemistry II and Organic Chemistry Laboratory	5
Major or Elective courses		6
	Hours	**15**
Junior		
Fall		
BIOC 3653	Survey of Biochemistry	3
BIOL 3114	Vertebrate Morphology	4
PHYS 1114	College Physics I (LN)	4
Major or Elective courses		4
	Hours	**15**
Spring		
BIOL 3023	General Genetics	3
BIOL 3034 or BIOL 3104	General Ecology or Invertebrate Zoology	4
PHYS 1214	College Physics II (LN)	4
UNIV 3511	Health Profession School Preparation (Suggested)	1
General Education or Supplemental courses		3
	Hours	**15**
Senior		
Fall		
BIOL 4104 or BIOL 3034	General Parasitology or General Ecology	4
BIOL 4700 or BIOL 4710 or BIOL 4730	Undergraduate Research Problems or Internships in Biology or Collaborative Research in Biology	1
MICR 3033	Cell and Molecular Biology	3
General Education, Major, or Supplemental courses		7
	Hours	**15**
Spring		
BIOL 4133	Evolution	3
Choose an upper division Biology class with a lab		4
General Education, Major, or Supplemental courses		8
	Hours	**15**
	Total Hours	**120**

Zoology: Pre-Veterinary Sciences, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1]	3
STAT 4013	Statistical Methods I (Q) [1]	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
Minimum grade of "C" in each course.		
Core Courses		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics [2]	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
or BIOL 4104	General Parasitology	
BIOL 3114	Vertebrate Morphology	4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution [2]	3
BIOL 4700	Undergraduate Research Problems (1 hour)	1
or BIOL 4710	Internships in Biology	
or BIOL 4730	Collaborative Research in Biology	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select 7 hours additional upper-division BIOL courses with a laboratory in at least one course (excluding general education courses)		7
Organic Chemistry, Choose From:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
Related Courses		
ANSI 3543	Principles of Animal Nutrition	3
BIOC 3653	Survey of Biochemistry	3
Supplemental Courses		
Select one of the following:		3
ANSI 3444	Animal Reproduction	
CHEM 4313	Medicinal Organic Chemistry	
ENGL 3323	Technical Writing	

ENTO 4223	Ecological Methodology
GEOG 3373	Health and Maps
HIST 3913	History of Medicine (H)
MICR 3253	Immunology
MICR 3553	Foundations of Cancer
NREM 4523	Wildlife Management Techniques
PHIL 3703	Ethics & Animals (H)
PHIL 3833	Biomedical Ethics (H)
PHIL 4713	Philosophy of Science (H)
PHIL 4733	Philosophy of Biology (H)
PSYC 3113	Comparative Psychology (N)
Hours Subtotal	**57**
Electives [2]	
Select 9 hours	9
MATH 1513 required for studnets who do not place directly into MATH 1813.	
May need to include 6 hours of a foreign language. (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
PSYC 1113 and SOC 1113 recommended.	
Hours Subtotal	**9**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head and a minimum GPA of 3.0, a maximum of 30 hours from an accredited doctoral health program may be substituted for electives or major requirements other than BIOL 3023 General Genetics and BIOL 4133 Evolution.

Additional requirements for professional school admission exist. View Admission Requirement Sheets at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
General Education courses		7
	Hours	**15**
Spring		
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		7
	Hours	**15**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
General Education or Elective courses		5
	Hours	**15**
Spring		
ANSI 3543	Principles of Animal Nutrition	3
CHEM 3053 or CHEM 3013 ***and*** CHEM 3012	Organic Chemistry I or Survey of Organic Chemistry ***and*** Survey of Organic Chemistry Laboratory	5
PHYS 1114	College Physics I (LN)	4
General Education or Elective courses		3
	Hours	**15**
Junior		
Fall		
BIOL 3114 or CHEM 3153 ***and*** CHEM 3112	Vertebrate Morphology or Organic Chemistry II ***and*** Organic Chemistry Laboratory	4
PHYS 1214	College Physics II (LN)	4
Major or Elective courses		7
	Hours	**15**
Spring		
BIOC 3653	Survey of Biochemistry	3
BIOL 3034 or BIOL 3104	General Ecology or Invertebrate Zoology	4
BIOL 4700 or BIOL 4710 or BIOL 4730	Undergraduate Research Problems or Internships in Biology or Collaborative Research in Biology	1
Choose an upper division Biology class with a lab		4
General Education or Supplemental courses		3
	Hours	**15**
Senior		
Fall		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Morphology (If taking CHEM 3153 and CHEM 3112)	4
BIOL 4104 or BIOL 3034	General Parasitology or General Ecology	4
General Education, Major, or Supplemental courses		4
	Hours	**15**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
BIOL 4133	Evolution	3
General Education, Major, or Supplemental courses (Suggest ENGL 3323)		8
	Hours	**15**
	Total Hours	**120**

Zoology: Secondary Teacher Certification, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or MATH 1613 or higher) [1, 2]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses Designated (H)		3
Courses designated (DH)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1, 2]	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) [1,2]	4
CHEM 1515	Chemistry II (LN) [1,2]	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a		3
Natural & Mathematical Sciences		
PBIO 1404	Plant Biology (LN) [2]	4
PHYS 1114	College Physics I (LN) [2]	4
STAT 4013	Statistical Methods I (Q) [2]	3
or STAT 2013	Elementary Statistics (Q)	
Foreign Language		
(See note 3)		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**15**
Major Requirements		
Zoology Core		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Zoology Core and those denoted with [2]		
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
BIOL 3034	General Ecology	4
BIOL 3104	Invertebrate Zoology	4
BIOL 3114	Vertebrate Morphology	4
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
MICR 3033	Cell and Molecular Biology	3
Secondary Education Professional Core:		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in K-12 Education	3
SMED 4611	Authentic Research in the Science Classroom [3]	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach [3]	3
SMED 4713	Teaching and Learning Science in the Secondary School [3]	3
SPED 3202	Educating Exceptional Learners	2
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School	4
CIED 4720	Internship in the Secondary Classroom [3]	8
Hours Subtotal		**61**
Electives		
Select 4 hours		4

MATH 1513 required for students who do not place directly into MATH 1813 (or MATH 1613).	
May need to include 3 hours of a foreign language (see note 3).	
Hours Subtotal	**4**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Zoology Core and those denoted with this footnote.

[3] Full admission to Professional Education required.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 in all BIOL and PBIO courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		6
	Hours	**16**
Spring		
BIOL 1604	Animal Biology	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		8
	Hours	**16**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
PBIO 1404	Plant Biology (LN)	4
General Education, Major, or Elective courses		6
	Hours	**15**
Spring		
BIOL 3104	Invertebrate Zoology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
SMED 3013	Knowing and Learning in K-12 Education	3
SPED 3202	Educating Exceptional Learners	2
General Education and Major courses		3
	Hours	**16**
Junior		
Fall		
BIOL 3023	General Genetics	3
BIOL 3114	Vertebrate Morphology	4
CIED 3313	Field Experience in the Secondary Schools	3
MICR 3033	Cell and Molecular Biology	3
Major or Elective courses		3
	Hours	**16**
Spring		
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology or Physiology	4
BIOL 4133	Evolution	3
CHEM 3013	Survey of Organic Chemistry	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
General Education, Major, or Elective courses		3
	Hours	**17**
Senior		
Fall		
BIOL 3034	General Ecology	4
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School	4
SMED 4713	Teaching and Learning Science in the Secondary School	3
General Education, Major, or Elective courses		5
	Hours	**16**
Spring		
CIED 4720	Internship in the Secondary Classroom	8
	Hours	**8**
	Total Hours	**120**

Certificates

Undergraduate Certificates

- Biblical Studies, Undergraduate Certificate (p. 1175)
- Digital Studies, Undergraduate Certificate (p. 1176)
- eSports, Undergraduate Certificate (p. 1177)
- General Education Digital Citizenship: Media and Information Literacy, Undergraduate Certificate (p. 1178)
- General Education Leadership, Undergraduate Certificate (p. 1179)
- Pre-Medical Sciences, Undergraduate Certificate (p. 1180)

Biblical Studies, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Certificate Coursework: 2.50
Total Hours: 15

Code	Title	Hours
Certificate Requirements		
Select 6 hours from the following:		6
REL 2013	The Old Testament and its Study (H)	
REL 2023	The New Testament and Its Study (H)	
Select 9 hours from the following:		9
REL 3223	Jesus: Teachings, History and Interpretation (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 4330	Seminar in Biblical Studies	
REL 4613	Women in the Bible (H)	
REL 4923	Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)	
REL 3423	Classic Christian Writings (H)	
HIST 3013	Ancient Egypt and Israel (H)	
GREK 1713	Elementary Classical Greek I (F)	
LATN 1713	Elementary Latin I (F)	
HBRW 1713	Elementary Biblical Hebrew I (F)	
or LL 1000	Special Studies in Languages and Literatures	
Total Hours		**15**

Digital Studies, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 15

Code	Title	Hours
Digital Culture Core		
ENGL 2253	Theory and Practice of Digital Studies	3
or AMST 3683	Introduction to Digital Humanities	
Capstone Experience		
A&S 4113	Research in Digital Studies	3
or A&S 4710	Internship in Digital Studies	
Electives		
Select 9 hours from the following: [1]		9
Digital Application Core		
ART 2093	Non-Major Photography I	
ART 2283	Studio Art Digital Survey	
ART 4420	Graphic Design Studio	
EDTC 3123	Applications of Educational Technologies	
EDTC 4113	Applications of Media and Technology	
ENGL 4143	Language and Technology	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4573	Games and Writing	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 4203	Fundamentals of Geographic Information Systems	
HIST 4073	Digital Methods in History	
MC 2023	Electronic Communication	
MMJ 3153	Fundamentals of Video and Studio Production	
MMJ 3873	Podcast and Audio Production	
MMJ 4573	Broadcast Documentary	
Computing & Info Sciences Core		
Any CS or MSIS courses		
Total Hours		**15**

[1] Students must take at least 3 hours in each area, 6 hours must be at the upper-division level, and courses must be from at least 2 departments. Courses not on this list may be approved by the Curriculum Committee on a case-by-case basis.

eSports, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 15

Code	Title	Hours
Core Requirements		
SPM 1883	Introduction to eSports	3
Select one course from:		3
MC 1143	Media in a Diverse Society (DS)	
MC 2023	Digital Media Essentials	
SPM 2843	Sports and the Media	
SC 2183	Introduction to Strategic Communications	
Select three courses (9 hours) from:		9
MC 4043	Media Study Abroad (G)	
SPM 3083	Course SPM 3083 Not Found	
MC 3113	Introduction to Media Effects	
MUSI 3593	Video Game Music	
SPM 3880	Topics in eSports (Topics vary by semester)	
Total Hours		**15**

Other Requirements

- The student must have a Bachelor's degree or is expected to complete a Bachelor's degree by the completion of certificate requirements.
- The student maintains a 2.50 GPA in the certificate courses, with no grade below "C".
- Residency Requirement: The student must complete half of the total hours at Oklahoma State University.

General Education Digital Citizenship: Media and Information Literacy, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 18

Code	Title	Hours
15 or more hours encompassing at least 3 different General Education designated courses plus any (Q) designated MATH or STAT course or Composition I (ENGL 1113 or ENGL 1313)		
Trailhead Course		
MC 2143	Media and Information Literacy (S)	3
Subtotal		**3**
Central Trail Courses		
Choose at least 9 credit hours from at least 2 pools of General Education designated courses		9
(S) Designated Courses		
SOC 3343	Technology and Society (S)	
POLS 2020	Topics in Public Law (S)	
SOC 1113	Introductory Sociology (S)	
(H) Designated Courses		
AMST 2683	Introduction to Digital Humanities (H)	
ENGL 2243	Language, Text and Culture (GH)	
HIST 2023	History of the Present (H)	
MC 3173	History of Mass Communication (H)	
PHIL 3783	Ethics of Artificial Intelligence (H)	
(Q) Designated Courses		
MSIS 2233	Business Analytics Fundamentals (Q)	
PHIL 1313	Logic and Critical Thinking (Q)	
MATH 1493	Applications of Modern Mathematics (Q)	
STAT 1013	Statistical Literacy (Q)	
(G) Designated Courses		
ENGL 2243	Language, Text and Culture (GH)	
HLTH 3211	International Comparative Health (G)	
POLS 2013	Introduction to International Relations (S)	
(D) Designated Courses		
GWST 3713	Gender and Representation (D)	
MC 1143	Media in a Diverse Society (DS)	
MSIS 3931	Diversity Impacts in Information Systems (D)	
SOC 2123	Social Problems (DS)	
Subtotal		**9**
(Q) Designated Course or Composition I		
Any (Q) Designated MATH or STAT course or ENGL 1113 or ENGL 1313		3
Subtotal		**3**
Summit Course/Experience		
Choose one of the following:		3
MC 4043	Media Study Abroad (G)	
SOC 3343	Technology and Society (S)	
Subtotal		**3**
Total Hours		**18**

General Education Leadership, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 18

Code	Title	Hours
15 or more hours encompassing at least 3 different General Education designated courses plus any (Q) designated MATH or STAT course or Composition I (ENGL 1113 or ENGL 1313)		
Trailhead Course		
Choose one of the following:		3
SOC 1113	Introductory Sociology (S)	
UNIV 2133	Ethical Leadership Behavior in a Changing Society (S)	
Subtotal		**3**
Central Trail Courses		
Choose at least 9 credit hours from at least 2 pools of General Education designated courses		9
(S) Designated Courses		
AGLE 2303	Agricultural Leaders in Society (S)	
SOC 1113	Introductory Sociology (S)	
SOC 2123	Social Problems (DS)	
UNIV 2133	Ethical Leadership Behavior in a Changing Society (S)	
(H) Designated Courses		
HIST 2343	Religion in America (DH)	
PHIL 2413	Global Ethics (GH)	
PHIL 2443	Ethics: Left & Right (H)	
REL 1103	Introduction to World Religions (GH)	
(G) Designated Courses		
GEOG 1713	Regions & Nations in Global Context (GS)	
PHIL 2413	Global Ethics (GH)	
REL 1103	Introduction to World Religions (GH)	
RM 2403	Recreation and Society (G)	
(D) Designated Courses		
AGLE 2403	Agricultural Leadership in a Multicultural Society (DS)	
GWST 2123	Introduction to Gender Studies (DH)	
HIST 2343	Religion in America (DH)	
MC 1143	Media in a Diverse Society (DS)	
RT 2443	Contemporary Issues in Diversity (DS)	
Subtotal		**9**
(Q) Designated Course or Composition I		
Any (Q) Designated MATH or STAT course or ENGL 1113 or ENGL 1313		3
Subtotal		**3**
Summit Course/Experience		
Choose one of the following:		3
Any (G) Designated Study Abroad Course		
AGLE 3803	Global Leadership in Agriculture (G)	
SOC 3223	Social Psychology (S)	
Subtotal		**3**
Total Hours		**18**

Pre-Medical Sciences, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 63

Code	Title	Hours
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, not MATH 1493)	3
or STAT 2013	Elementary Statistics (Q)	
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
or STAT 4013	Statistical Methods I (Q)	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
Choose from the following: [1]		4
BIOL 1604	Animal Biology	
BIOL 3204	Physiology	
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory [1]	
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3
SOC 1113	Introductory Sociology (S)	3
3 additional hours from: ENGL, PHIL, PSYC, SOC, or any Humanities (H)		3
BIOL 3023	General Genetics	3
or MICR 3033	Cell and Molecular Biology	
BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
Select two of the following: [2]		6
BIOL 3214	Human Anatomy [2]	
BIOL 3233	Human Reproduction	
BIOL 4024	Histology [2]	
BIOL 4073	Principles of Neuroscience	
BIOL 4104	General Parasitology [2]	
BIOL 4133	Evolution	
BIOL 4134	Embryology [2]	
BIOL 4215	Mammalian Physiology [2]	
BIOL 4253	Pharmacology	
BIOL 4273	Environmental Physiology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
BIOL 4333	Disease Ecology	
BIOL 4363	Principles of Toxicology	
Total Hours		**63**

1 Choosing MICR 2123 and MICR 2132 increases overall hours.
2 Choosing BIOL 3214, BIOL 4024, BIOL 4104, BIOL 4134 or BIOL 4215 increases overall hours.

Other Requirements

- Minimum GPA 3.00 with no grade below "C." Minimum 15 hours in residence at OSU.
- A bachelor's degree from Oklahoma State University or another accredited college or university is required.

Chemistry

Chemistry is a science devoted to the creation and evaluation of compounds and materials. Chemists have: created well-known materials such as Nylon, Teflon, and Kevlar; developed and synthesized life-saving molecules for treating cancer, diabetes, and other diseases; and created new proteins to digest waste plastics in order to help build a more sustainable society. Chemists are also involved in making measurements crucial toward determining the presence of hazardous pollutants in our environment and the safety of our food and water supplies. Chemistry is at the forefront in developing and advancing new technologies to solve problems in agriculture, electronics, energy, forensics, and medicine.

A student considering a career in chemistry should have a strong curiosity about the nature of how things work, good problem solving skills, and most important of all - a desire to learn. Chemistry is often called the Central Science because it is a bridge from the foundational knowledge of math and physics to applications in materials development and the life sciences. For this reason, chemists are employed in all phases of our economy - industry, government, and education.

The Department of Chemistry offers BS degrees in:

1. **Biochemistry** (for students interested in medicine, pharmacy, and advanced studies or other careers in biochemistry/chemistry)
2. **Medicinal Chemistry** (for students interested in pharmaceutical research, drug development, or pharmacy/medical school)
3. **Chemistry**, with concentrations in:
    - *American Chemical Society (ACS) Approved* (for students interested in pursuing an advanced degree or career in chemistry, or teaching chemistry at the college-level)
    - *Pre-Health* (for students interested in medicine, pharmacy, or other health related fields)
    - *Secondary Teacher Certification* (for students interested in teaching high school chemistry)

Students should contact Sheri Orr, Senior Academic Advisor, at sheri.m.orr@okstate.edu for questions about which degree is the best fit for their career goals and interests.

Courses

CHEM 1014 Chemistry In Civilization (LN)
Description: A survey course presenting the concepts and principles of chemistry for students outside the health, science and engineering fields. This course covers the basics of chemistry and chemical contributions to society such as polymers, consumer chemicals, drugs, and radioactivity. May not be used for degree credit with CHEM 1215 or CHEM 1314.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 2 Contact: 5 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Chemistry
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

CHEM 1215 Chemical Principles I (LN)
Description: The beginning chemistry course recommended for students in the applied biological sciences. This course covers chemical principles and their applications to their properties and transformations of matter, including periodic classification of the elements, laws of chemical combination, atomic and molecular structure, and chemical bonding. Course previously offered as CHEM 1015.
Credit hours: 5
Contact hours: Lecture: 3 Lab: 2 Contact: 6 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Chemistry
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

CHEM 1225 Chemical Principles II (LN)
Prerequisites: Minimal grade of "C" in CHEM 1215 or CHEM 1314 or CHEM 1414 or acceptable AP credit. MATH 1483 or MATH 1513 or a higher level math course with a "C" or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.
Description: A continuation of Chemical Principles I for students in the applied biological sciences. Topics include gas laws, chemical equilibria, acid/base chemistry, oxidation/reduction, elementary chemical thermodynamics, and introduction to organic molecules.
Credit hours: 5
Contact hours: Lecture: 3 Lab: 2 Contact: 6 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Chemistry
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

CHEM 1314 Chemistry I (LN)
Prerequisites: MATH 1483 or MATH 1513 or higher with a “C” or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.
Description: The beginning chemistry course recommended for students in basic biological sciences (including pre-medical science and pre-veterinary sciences), physical sciences and engineering. This course covers chemical principles and their applications to the properties and transformations of matter, including periodic classification of the elements, laws of chemical combination, gas laws, atomic and molecular structure, and chemical bonding.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Chemistry
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

CHEM 1414 General Chemistry for Engineers (LN)
Prerequisites: MATH 1483 or MATH 1513 or higher with a “C” or better or an acceptable math placement score (see placement.okstate.edu) or acceptable AP credit.
Description: One seminar survey of general chemistry for engineering students. Topics include physical properties of states of matter, stoichiometry, atomic theory, periodic properties, bonding, thermodynamics, equilibrium, acid-base and redox reactions, electrochemistry. Topics will be discussed with respect to applications to materials, energy and environmental topics relevant to engineering students.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Chemistry
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

CHEM 1515 Chemistry II (LN)
Prerequisites: Minimum grade of "C" in CHEM 1314 or CHEM 1414 or acceptable AP credit.
Description: A continuation of Chemistry 1 for students in the basic biological sciences (including premedical science and pre-veterinary science), physical sciences, and engineering. Topics include, but not limited to, intermolecular forces, liquids and solids, chemical equilibria, acid/base chemistry, oxidation/reduction, electrochemistry, chemical kinetics, and elementary chemical thermodynamics.
Credit hours: 5
Contact hours: Lecture: 3 Lab: 2 Contact: 6 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Chemistry
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

CHEM 2113 Principles of Analytical Chemistry
Prerequisites: A grade of "C" or better in CHEM 1515.
Description: Statistical analysis of analytical data, acid-base equilibria, acid-base titrations, electrochemistry, analytical separations, as well as atomic and molecular optical spectroscopy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 2122 Quantitative Analysis Laboratory
Prerequisites: CHEM 2113 or concurrent enrollment.
Description: Laboratory exercises related to theoretical principles in CHEM 2113.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Chemistry

CHEM 2890 Honors Experience in Chemistry
Prerequisites: Honors Program participation and concurrent enrollment in designated course(s).
Description: A supplemental Honors experience in Chemistry to partner concurrently with designated lower-division CHEM course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry
General Education and other Course Attributes: Honors Credit

CHEM 2980 Current Topics for Chemical Professionals
Prerequisites: Current enrollment in CHEM 1314 or higher chemistry course.
Description: Current topics for pre-chemical professionals which may include, but are not limited to; Chemistry of Life; Energy; Environmental; Materials; Energy, What's that Stuff?, and Teaching/Learning. The course is intended to provide interested undergraduates with a broader introduction to topics relevant to future trends in chemistry and chemically-related fields. Discussion will be directed by faculty members with expertise in the identified area. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Lecture: 1-6 Contact: 1-6
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 2990 Special Problems in Chemistry
Prerequisites: CHEM 1314 or concurrent enrollment.
Description: Training in independent work, study of relevant literature and experimental investigation of an assigned problem at the lower-division level. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lab: 2-6 Contact: 2-6
Levels: Undergraduate
Schedule types: Lab
Department/School: Chemistry

CHEM 3012 Survey of Organic Chemistry Laboratory
Prerequisites: CHEM 3013 or concurrent enrollment.
Description: Laboratory exercises related to theoretical principles covered in CHEM 3013.
Credit hours: 2
Contact hours: Lab: 3 Contact: 4 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Combined Lab & Discussion
Department/School: Chemistry

CHEM 3013 Survey of Organic Chemistry
Prerequisites: Minimum grade of "C" in CHEM 1225 or CHEM 1515 or acceptable AP credit.
Description: Terminal, one-semester organic chemistry lecture course covering the general principles of nomenclature, structure, bonding, methods of preparation, reactions and use of acyclic, cyclic, and aromatic compounds.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3053 Organic Chemistry I
Prerequisites: CHEM 1515 with a "C" or better or acceptable AP credit.
Description: This course is the first of the in-depth sequence of organic chemistry. Topics include nomenclature, structure, stereochemistry, reactivity, properties, and synthesis of organic molecules with an emphasis on reaction mechanisms. This course is required for many life and physical science majors and pre-health students. Consult your degree requirements and professional school admission requirements.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3112 Organic Chemistry Laboratory
Prerequisites: Completion of CHEM 3153 or concurrent enrollment.
Description: Laboratory exercises related to theoretical principles covered in CHEM 3053 and 3153.
Credit hours: 2
Contact hours: Lab: 3 Contact: 4 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Combined Lab & Discussion
Department/School: Chemistry

CHEM 3153 Organic Chemistry II
Prerequisites: A grade of "C" or higher in CHEM 3053.
Description: This course is the second of the in-depth sequence of organic chemistry starting with CHEM 3053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3353 Descriptive Inorganic Chemistry
Prerequisites: A grade of "C" or higher in CHEM 1515, CHEM 1225.
Description: Structures and properties of the elements and their many compounds in the broadest sense which includes the modern technologically important materials, organometallics, and inorganic substances of biological significance.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3363 Bioinorganic Chemistry
Prerequisites: Grade of “C” or higher in CHEM 1225 or CHEM 1515 or acceptable AP credit.
Description: Discusses the structural and functional roles of main group and transition metals within biological systems. Topics may include: the transport, distribution and properties of metals in biological systems, the coordination chemistry of biologically active metals, physical methods for determining metalloprotein structure and reactivity, chemical processes including redox processes and long-range electron transfer reactions and metallocofactors and metal clusters. May not be used for degree credit with CHEM 5363.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3413 Physical Chemistry Applications
Prerequisites: Minimum grade of "C" or higher in both CHEM 1515 and MATH 2144.
Description: A practical and applied approach to key topics in physical chemistry, including thermodynamics, chemical equilibria, and chemical kinetics, and how they relate to general chemical and biological processes on a molecular and macroscopic level.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3433 Physical Chemistry I
Prerequisites: Minimum grade of "C" or higher in: CHEM 1515 and MATH 2153 and PHYS 2114.
Description: Introductory theoretical analysis of molecular structure, chemical bonding and macroscopic chemical systems using quantum theory, classical and statistical thermodynamics, and kinetics. Previously offered as CHEM 3434.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3532 Physical Chemistry Laboratory
Prerequisites: A grade of "C" or better in CHEM 2122 and CHEM 3433.
Description: Modern laboratory instrumentation, experimental techniques, and computational methods in physical chemistry.
Credit hours: 2
Contact hours: Lab: 3 Contact: 4 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Combined Lab & Discussion
Department/School: Chemistry

CHEM 3553 Physical Chemistry II
Prerequisites: A grade of "C" or higher in CHEM 3433.
Description: A continuation of CHEM 3433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 3890 Advanced Honors Experience in Chemistry
Prerequisites: Honors Program participation and concurrent enrollment in designated course(s).
Description: A supplemental Honors experience in Chemistry to partner concurrently with designated upper-division CHEM course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry
General Education and other Course Attributes: Honors Credit

CHEM 4022 Modern Methods of Chemical Analysis Laboratory
Prerequisites: CHEM 4023 or concurrent enrollment.
Description: Laboratory exercises related to theoretical principles covered in CHEM 4023. May not be used for degree credit with CHEM 4020.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Chemistry

CHEM 4023 Modern Methods of Chemical Analysis
Prerequisites: A minimum grade of "C" in CHEM 2113 and CHEM 2122.
Description: The design, operational principles and practical application of modern instrumental methods used in chemical analysis of natural and artificial materials. Covers the reagents and instruments used in the separation, identification and quantification of the chemical components. May not be used for degree credit with CHEM 4020.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 4033 Forensic Chemistry
Prerequisites: CHEM 2113 with a "C" or better.
Description: An introduction to the principles and practices of forensic chemistry, with a focus on the analytical techniques and chemical analyses important in criminal investigations. This lecture course will cover the critical statistical practices necessary for taking convincing quantitative measurements. Analytical techniques including chromatography, UV/Vis & IR spectroscopy, mass spectrometry, will be introduced and discussed alongside historical forensic case studies. May not be used for degree credit with CHEM 5033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 4123 Biomolecular Chemistry and Function
Prerequisites: Minimum grade of "C" in CHEM 3153 and CHEM 3112.
Description: The class is designed to use examples from classic and current literature to expand the student's knowledge of the chemical techniques required to understand the structure and function of macromolecules in solution. These topics include chemical forces that stabilize macromolecular and supramolecular structure, thermodynamics and statistical mechanics of macromolecular and polymer folding, diffusional processes, kinetics, and the relationship of these principles to practical application in experimental design and interpretation. May not be used for degree credit with CHEM 5123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 4312 Inorganic Chemistry Laboratory
Prerequisites: Minimum grade of "C" or better in CHEM 3112.
Description: Course will provide students with practical knowledge and experimental techniques commonly used in inorganic and organometallic chemistry.
Credit hours: 2
Contact hours: Lab: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Combined Lab & Discussion
Department/School: Chemistry

CHEM 4313 Medicinal Organic Chemistry
Prerequisites: Minimum grade of "C" in CHEM 3153 and CHEM 3112.
Description: This course looks at the development of new organic molecules for use in the pharmaceutical industry and investigates their pathway from the design stage to eventual introduction to the market. This course explores a range of important techniques necessary for the synthesis of complex organic architectures, an introduction to asymmetric synthesis, and polymer-supported synthesis of biomolecules including peptides and nucleic acids. This course also introduces various classes of drugs, mechanisms of action, drug metabolism and structure activity relationships.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 4320 Chemical and Spectrometric Identification of Organic Compounds
Prerequisites: A grade of "C" or higher in CHEM 3112 and CHEM 3153.
Description: Theory and practice in separating mixtures of organic compounds and some theory and practice in identifying organic compounds by spectroscopic methods. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lab: 2-6 Contact: 2-6
Levels: Undergraduate
Schedule types: Lab
Department/School: Chemistry

CHEM 4322 Advanced Organic Chemistry Laboratory
Prerequisites: Minimum grade of "C" in both CHEM 3153 and CHEM 3112.
Description: Training in the art of chemical synthesis, phenomena surrounding molecular interactions, separation strategies, and spectroscopic analysis of organic molecules. Same course as CHEM 4320.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Chemistry

CHEM 4333 Inorganic Chemistry I
Prerequisites: CHEM 1515 with minimum grade of "C."
Description: Bonding theory, molecular symmetry and its applications to structure, bonding and spectroscopy, structures of simple solids, inorganic acids and bases, oxidation and reduction, and industrial production of elements, coordination chemistry, crystal field theory, ligand field theory, introduction to organometallic chemistry. May not be used for degree credit with CHEM 5260.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 4433 Computational Chemistry and Molecular Modeling
Prerequisites: Grade of "C" or better in either CHEM 3413 or CHEM 3433.
Description: This course introduces the concepts, tools, and possibilities for computational modeling of molecular systems. Primary topics of study include classical molecular mechanics simulations, quantum mechanical calculations, and molecular graphics & visualization. One key effort will be introduction into the usage of high performance computing systems. Such instruction on the use of the computational resources available at OSU will be provided in hands-on computer exercises that involve constructing, performing, and analyzing molecular simulations and calculations. May not be used for degree credit with CHEM 5433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 4482 Chemical Research & Literature Review
Prerequisites: CHEM 3153 with a "C" or better and Junior or Senior standing
Description: Student will learn how to conduct a comprehensive literature review of a current topic in chemistry, critically evaluate the current state of knowledge in this field, and summarize the findings. This evaluation will be presented orally and in a detailed written report.
Credit hours: 2
Contact hours: Lecture: 1 Contact: 2 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Chemistry

CHEM 4650 Selected Topics in Chemistry
Description: Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 4990 Undergraduate Research in Chemistry
Prerequisites: Instructor permission required.
Description: Training in independent work, study of relevant literature, and experimental investigation of an assigned problem culminating in a written and oral report. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 4993 Senior Thesis in Chemistry
Prerequisites: Instructor permission required.
Description: Capstone undergraduate research project and laboratory skills development in a discipline of chemistry. Guided reading and research program under the direction of a faculty member culminating in a senior research thesis and oral report.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 5000 Thesis
Description: Familiarizes the student with methods used in research in chemistry. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 5001 Introduction to Chemistry Research
Prerequisites: Graduate standing.
Description: Introduction to chemical research topics of interest to the department. Special emphasis placed on ethics, plagiarism, codes of conduct, research notebooks, publishing, and presentations.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5011 Graduate Seminar
Description: Preparation and presentation of seminars usually on subjects of current interest taken from the literature. Completion of 1 credit hour required for MS degree.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Discussion
Department/School: Chemistry

CHEM 5033 Forensic Chemistry
Prerequisites: CHEM 2113
Description: An introduction to the principles and practices of forensic chemistry, with a focus on the analytical techniques and chemical analyses important in criminal investigations. This lecture course will cover the critical statistical practices necessary for taking convincing quantitative measurements. Analytical techniques including chromatography, UV/Vis & IR spectroscopy, mass spectrometry, will be introduced and discussed alongside historical forensic case studies. May not be used for degree credit with CHEM 4033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5053 Foundations of Physical Chemistry
Prerequisites: CHEM 3433 and CHEM 3153, or equivalent.
Description: This course provides the foundations of physical chemistry required for all disciplines of chemistry to understand the underlying principles necessary to advance at the graduate level. This core treatment will address thermodynamics and equilibria, chemical kinetics, quantum mechanics, spectroscopy, and statistical thermodynamics. These topics will provide the conceptual learning critical for interdisciplinary applications of physical chemistry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5063 Foundations of Organic Chemistry
Prerequisites: BS/BA in chemistry, CHEM 3153, or equivalent.
Description: This course provides the basic principles of organic chemistry necessary to advance at the graduate level in all disciplines of chemistry. This treatment will address bonding and its consequences, stereochemistry and conformational analysis, functional groups and their interconversions, reaction mechanisms, reactive intermediates and catalysis, synthesis and retrosynthetic analysis, and modern characterization. These topics will provide the conceptual background for interdisciplinary applications of organic chemistry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5073 Foundations of Analytical Chemistry
Prerequisites: CHEM 4023 and CHEM 4022, or equivalent.
Description: This course provides the basic principles of analytical chemistry necessary to advance at the graduate level in all disciplines of chemistry. Subject matter includes the underlying principles of chemical analyses with emphasis on chemical and biological reactions (equilibrium, reaction rate, chemical labeling), instrumentation and instrumental design, sampling, sample preparation and method validation. These topics will provide the conceptual foundation critical for interdisciplinary applications of analytical chemistry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5103 Physical and Chemical Separations
Prerequisites: One year of physical chemistry.
Description: Principles of bulk and multi-stage separation methods: chromatography, liquid-liquid extraction, and zone melting.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5113 Equilibrium and Kinetics in Analytical Chemistry
Prerequisites: One year of physical chemistry.
Description: Physical and chemical principles of equilibrium and kinetics as applied to analytical problems.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5123 Biomolecular Chemistry and Function
Prerequisites: CHEM 3153 and CHEM 3112
Description: The class is designed to use examples from classic and current literature to expand the student's knowledge of the chemical techniques required to understand the structure and function of macromolecules in solution. These topics include chemical forces that stabilize macromolecular and supramolecular structure, thermodynamics and statistical mechanics of macromolecular and polymer folding, diffusional processes, kinetics, and the relationship of these principles to practical application in experimental design and interpretation. May not be used for degree credit with CHEM 4123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5213 Innovations in Chemistry and STEM Education
Description: This course will train students on evidence-based instructional classroom practices relevant for improving student persistence and performance in chemistry and other STEM courses and conducting discipline-based education research in STEM.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5220 Topics For Teachers
Prerequisites: Teaching experience.
Description: Designed to help elementary and secondary science teachers improve their subject matter competence in chemistry. Content varies depending on the needs of specific groups of teachers. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 5223 Polymer Chemistry
Prerequisites: CHEM 3153 and CHEM 3433 or equivalent.
Description: Preparation and polymerization of organic monomers; properties and uses of resulting high polymers; theories of polymerization; inorganic and natural organic polymers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5263 Foundations of Inorganic Chemistry
Prerequisites: CHEM 1515 with minimum grade of "C."
Description: Bonding theory, molecular symmetry and its applications to structure, bonding and spectroscopy, structures of simple solids, inorganic acids and bases, oxidation and reduction, and industrial production of elements, coordination chemistry, crystal field theory, ligand field theory, introduction to organometallic chemistry. May not be used for degree credit with CHEM 4333. Previously offered as CHEM 5260.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5283 Solid State Chemistry
Prerequisites: CHEM 5263.
Description: Structure, bonding, and properties of crystalline and amorphous inorganic solids. Emphasis on the characterization of inorganic solids and phase transitions in inorganic solids.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5323 Reactions of Organic Compounds
Prerequisites: CHEM 3153.
Description: Products and mechanisms of reactions of importance in organic synthesis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5363 Bioinorganic Chemistry
Prerequisites: CHEM 1515
Description: Discusses the structural and functional roles of main group and transition metals within biological systems. Topics may include: the transport, distribution and properties of metals in biological systems, the coordination chemistry of biologically active metals, physical methods for determining metalloprotein structure and reactivity, chemical processes including redox processes and long-range electron transfer reactions and metallocofactors and metal clusters. May not be used for degree credit with CHEM 3363.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5373 Spectrometric Identification of Organic Compounds
Prerequisites: CHEM 4320.
Description: Lectures on ultraviolet, circular dichroism, infrared, nuclear magnetic resonance (NMR) and mass spectrometry (MS). More advanced techniques in NMR and MS stressed. Hands-on training and use of modern spectroscopic instrumentation in laboratory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5433 Computational Chemistry and Molecular Modeling
Prerequisites: CHEM 3433 or equivalent.
Description: This course introduces the concepts, tools, and possibilities for computational modeling of molecular systems. Primary topics of study include classical molecular mechanics simulations, quantum mechanical calculations, and molecular graphics & visualization. One key effort will be introduction into the usage of high performance computing systems. Such instruction on the use of the computational resources available at OSU will be provided in hands-on computer exercises that involve constructing, performing, and analyzing molecular simulations and calculations. May not be used for degree credit with CHEM 4433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5443 Mechanism and Structure in Organic Chemistry
Prerequisites: CHEM 3153 and CHEM 3553.
Description: Relationship of properties of organic compounds to their structure; mechanisms of organic reactions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5563 Chemical Thermodynamics I
Prerequisites: CHEM 3553.
Description: Statistical and classical thermodynamics applied to chemical systems.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5623 Quantum Chemistry I
Prerequisites: CHEM 3553.
Description: Fundamentals of quantum mechanics, including classical mechanics, wave representation of matter, the Schroedinger equation, and atomic structure.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 5650 Selected Topics in Chemistry
Description: Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 5963 Advanced Inorganic Chemistry
Prerequisites: CHEM 5263.
Description: Inorganic reaction mechanisms, catalysis, electronic spectra of complexes, luminescence of inorganic compounds, lanthanide and actinide chemistry, introduction to biological inorganic chemistry. Previously offered as CHEM 5960.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6000 Doctoral Dissertation Research
Prerequisites: MS degree in chemistry or consent of instructor.
Description: Independent investigation under the direction and supervision of a major professor. Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.
Credit hours: 1-15
Contact hours: Contact: 1-15 Other: 1-15
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 6010 Research Seminar
Prerequisites: Consent of instructor.
Description: Participation in departmental seminars on current topics in chemistry. One credit hour each fall and spring required for MS and PhD candidates with the exception of the first semester. Offered for variable credit, 1-20 credit hours, maximum of 20 credit hours.
Credit hours: 1-20
Contact hours: Contact: 1-20 Other: 1-20
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 6011 Advanced Seminar
Prerequisites: CHEM 5011 or MS degree.
Description: Preparation and oral presentation of critical reviews on chemical subjects. Usually related to the student's research area. Completion of one credit hour required for the PhD degree.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Discussion
Department/School: Chemistry

CHEM 6050 Special Topics in Analytical Chemistry
Description: Supervised study of topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 6103 Electroanalytical Chemistry
Prerequisites: CHEM 4024.
Description: The theory, practice and instrumentation in various areas of modern electroanalytical chemistry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6113 Analytical Spectroscopy
Prerequisites: CHEM 4024.
Description: Survey of selected topics in analytical applications of spectroscopic techniques. Fundamental concepts as well as current trends in research, including instrumentation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6223 Physical Polymer Science
Prerequisites: CHEM 5223 or equivalent.
Description: A study of the physical properties of macromolecular systems including polymer solutions, gels, bulk polymers and rubbers. The characterization of polymers based on their thermal, spectroscopic, microstructure and molecular masses is also discussed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6303 Physical Organic Chemistry
Prerequisites: BS/BA in chemistry, CHEM 3153, or equivalent.
Description: This course is an examination of the methods used in organic chemistry to probe mechanisms and reactive intermediates. Topics will include isotope effects, kinetics, linear free energy relationships, an introduction of orbital symmetry, rearrangements, stereo electronic effects, the generation and chemistry of carbenium ions, carbanions, carbenes, radicals, excited states, and strained molecules.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6420 Special Topics in Organic Chemistry
Prerequisites: CHEM 3153.
Description: Deals with topics not covered in other courses. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 6453 Chemical Kinetics
Prerequisites: CHEM 3553.
Description: The kinetics of chemical reactions and their theoretical interpretation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6553 Molecular Spectroscopy
Prerequisites: CHEM 5623.
Description: Spectra and structure of molecules.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6650 Selected Topics in Chemistry
Prerequisites: Consent of instructor.
Description: Supervised study of selected topics and fields not otherwise covered. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Chemistry

CHEM 6803 Photonics I: Advanced Optics
Prerequisites: ECEN 3813 or PHYS 3213, or consent of instructor.
Description: Advanced optics, including spectral and time characteristics of detectors, characteristics of lasers, time, spectral and spatial parameters of laser emission, interferometric techniques, and nonlinear effects such as two-photon absorption and second and third harmonic generations. Ultra short laser pulses. Same course as ECEN 6803 & PHYS 6803. Offered for fixed credit, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6810 Photonics II: THz photonics and THz time-domain spectroscopy
Prerequisites: CHEM 6803.
Description: THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultra short laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as ECEN 6810 & PHYS 6810. Offered for fixed credit, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6811 Photonics II: Thz Photonics and THz - TDS
Prerequisites: CHEM 6803.
Description: THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultrashort laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as ECEN 6811 and PHYS 6811.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Chemistry

CHEM 6820 Photonics II: Spectroscopy II
Prerequisites: CHEM 6803.
Description: Operating principles and applications of laser spectroscopy of atoms, molecules, solids and complex fluids. Absorption, emission, photon correlation, coherence, time resolved Fourier transform. Raman spectroscopy and non-linear optical. Same course as ECEN 6820 & PHYS 6820. Offered for fixed credit,1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6830 Photonics II: Spectroscopy III
Prerequisites: CHEM 6803.
Description: Advanced spectroscopic instruments and methods used for investigation of semi-conductors and solid state material. Stimulated emission characterized both in wavelength and in time. Time-resolved fluorescence measurements. Multiphotonic excitations. Fast measuring techniques, including subnanosecond detectors, picosecond streak cameras, and ultra fast four-wave mixing and correlation techniques. Time-dependent photoconductivity measurements. Same course as ECEN 6830 & PHYS 6830. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6840 Photonics III: Microscopy II
Prerequisites: CHEM 3553 or consent of instructor.
Description: The structure and imaging of solid surfaces. Basics of scanning probe microscopy (SPM). Contact and noncontact atomic force microscopy (AFM). Scanning tunneling microscopy (STM) in air. Same course as ECEN 6840 & PHYS 6840. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6850 Photonics III: Microscopy II
Prerequisites: CHEM 3553 or consent of instructor.
Description: Advanced techniques of scanning probe microscopy (SPM). Magnetic force microscopy, Kelvin force microscopy, scanning tunneling microscopy (STM) in vacuum. Characterization of materials with SPM. Nanolithography with SPM. Device manufacturing and analysis. Same course as ECEN 6850 & PHYS 6850. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6860 Photonics III: Microscopy III and Image Processing
Prerequisites: ECEN 5793.
Description: Digital image processing, including projects. Image acquisition and display, image enhancement, geometric operations, linear and nonlinear filtering, image restoration, edge detection, image analysis, morphology, segmentation, recognition, and coding/compression. Same course as ECEN 6860 & PHYS 6860. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6870 Photonics IV: Synthesis and Devices I
Prerequisites: CHEM 6803 and CHEM 6840.
Description: Preparation of functional nanostructures and related optical and electronic devices. Physical and chemical methods of thin film deposition. Engineering of prototypes of light emitting diodes, sensors, optical limiting coatings, lithographic patterns. Same course as ECEN 6870 & PHYS 6870. Offered for variable credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6880 Photonics IV: Semiconductor Devices, Testing and Characterization
Prerequisites: CHEM 6803.
Description: Test and characterization of semiconductor and optoelectronic devices. Hall Effect, four point probe, CV and IV measurements, optical pump-probe, photoluminescence and electro-optics sampling. Same course as ECEN 6880 & PHYS 6880. Offered for fixed credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

CHEM 6890 Photonics IV: Semiconductor Synthesis and Devices III
Prerequisites: CHEM 6803.
Description: Processing, fabrication and characterization of semiconductor optoelectronic devices in class 100/10000 clean rooms. Clean room operation, including general procedure for material processing and device fabrication. Device processing using a variety of processing such as mask aligner, vacuum evaporators and rapid thermal annealer. Testing using optical and electrical testing apparatus such as I-V, C-V, Hall and optical spectral measurement systems. Same course as ECEN 6890 & PHYS 6890. Offered for variable credit, 1 credit hour(s), maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Chemistry

Undergraduate Programs

- Biochemistry, BS (p. 1192)
- Chemistry (Approved by the American Chemical Society), BS (p. 1195)
- Chemistry, BS (p. 1198)
- Chemistry: Pre-Health, BS (p. 1201)
- Chemistry: Secondary Teacher Certification, BS (p. 1204)
- Medicinal Chemistry, BS (p. 1207)

Graduate Programs

Prerequisites

Students entering this program should have at least eight semester credit hours (or the equivalent) in general, analytical, organic and physical chemistry. The physical chemistry should have been based on mathematics through calculus.

Admission Requirements

For admission, a grade-point average of 3.00 or better is generally required. Deserving applicants with grade-point averages less than 3.00 are occasionally admitted under probationary conditions. Additional support of the application is sought in the form of three letters of recommendation. Graduate Record Examination scores are not required. Recommendations on admission to the Graduate College are made on behalf of the applicant by the departmental admission officer. Acceptance by a permanent advisor is not a prerequisite for admission to the program.

Degree Requirements

A more detailed description of the graduate study program in chemistry is available in a brochure supplied by the department upon request, or on the Internet at http://chemistry.okstate.edu. The requirements set forth below complement the general requirements stated in the "Graduate College (p. 3005)" section of the OSU Catalog. Attendance and participation in the departmental colloquia are required.

The Master of Science Degree

Students must complete at least 30 credit hours of graduate coursework in chemistry or related fields. Each student must present an acceptable thesis dealing with a research problem and pass a final oral examination

covering it and related material. Research on the thesis problem should be started as early as possible in the graduate program.

The Doctor of Philosophy Degree

Work is offered which leads to the degree with a focus in analytical, biological, environmental, inorganic, materials, medicinal, nanotechnology, organic physical, polymer or theoretical chemistry or chemical education. The student must pass a qualifying examination in his or her field of specialization. An acceptable dissertation must be presented which contains a substantial original contribution to the field of chemistry. The student must pass a final oral examination covering the dissertation and related material. The Doctor of Philosophy degree requires the completion of at least 90 semester credit hours of work beyond the bachelor's degree. The course requirements are determined by the student and his/her advisory committee consistent with departmental requirements.

Minors

- Chemistry (CHEM), Minor (p. 1210)

Faculty

Christopher J. Fennell, PhD—Associate Professor and Chair
Regents Professors: Frank D. Blum, PhD (Harrison I. Bartlett Chair); Richard A. Bunce, PhD; Barry Lavine, PhD
Professors: Sadagopan Krishnan, PhD; Nicholas Materer, PhD; Smita Mohanty, PhD; Jimmie Weaver, PhD; Charles S. Weinert, PhD
Associate Professors: Gabriel Cook, PhD; Martin McCullagh, PhD; Laleh Tahsini, PhD; Yolanda Vasquez, PhD
Assistant Professors: Dennis Chung-Yang Huang, PhD; Mira Kessler, PhD; David Miller, PhD; Spencer Pitre, PhD; Elijah Schnitzler, PhD
Teaching Associate Professors: Tracy Kerr, PhD; Reza Latifi, PhD
Teaching Assistant Professors: AJ Sona, PhD
Instructors: Martha Halihan
Adjunct Faculty: Danny Maples, PhD

Biochemistry, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage and Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
CHEM 1515	Chemistry II (LN) [1]	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F)		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
STAT 2013	Elementary Statistics (Q)	3
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
or MATH 2153	Calculus II (Q)	
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**15**
Major Requirements		
Minimum GPA 2.00.		
BIOC 3713	Biochemistry I	3
BIOC 3723	Biochemistry and Molecular Biology Laboratory	3
BIOC 3813	Biochemistry II	3
BIOC 3223	Physical Chemistry for Life Sciences	3
or CHEM 3433	Physical Chemistry I	
BIOL 3203	Physiology	3
BIOL 3201	Physiology Lab	1
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3122	Organic Chemistry II Laboratory	2
CHEM 3153	Organic Chemistry II	3
Select one of the following:		2
CHEM 4992	Applied Research in Chemistry	
CHEM 4482	Chemical Research & Literature Review	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
Additional Requirements		
Select 12 hours of the following:		12
BIOC 3153	Synthetic Biology	
BIOC 4113	Molecular Biology	
BIOC 4213	Disease and Metabolism	
BIOC 4883	Senior Seminar in Biochemistry	
BIOL 3214	Human Anatomy	
BIOL 4073	Principles of Neuroscience	
BIOL 4253	Pharmacology	
BIOL 4363	Principles of Toxicology	
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4033	Forensic Chemistry	
CHEM 4123	Biomolecular Chemistry and Function	
CHEM 4313	Medicinal Organic Chemistry	
MICR 3223	Advanced Microbiology	

MICR 3253	Immunology
MICR 4053	Pathogenic Microbiology
MICR 3033	Cell and Molecular Biology
MICR 4123	Virology
MICR 4233	Advanced Cell and Molecular Biology
MICR 4423	Antibiotics and Antibiotic Resistance

With approval from the advisor and department head, maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than BIOC 3713 Biochemistry I, BIOC 3723 Biochemistry and Molecular Biology Laboratory, BIOC 3813 Biochemistry II.

Hours Subtotal	**55**
Electives	
Select 10 hours	10
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
Hours Subtotal	**10**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all BIOC courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
General Education, College/Departmental and/or Elective courses		7
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
General Education and/or College/Departmental courses		6
	Hours	**14**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3033 or PBIO 2403	Cell and Molecular Biology or Introduction to Plant Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
General Education, Major Requirements, or Elective course		3
	Hours	**15**
Junior		
Fall		
BIOC 3713	Biochemistry I	3
BIOL 3023 or ANSI 3423 or PLNT 3554	General Genetics or Animal Genetics or Plant Genetics and Biotechnology	3
PHYS 1214	College Physics II (LN)	4
College and Elective courses		6
	Hours	**16**
Spring		
BIOC 3813	Biochemistry II	3
BIOL 3204 or BIOL 1604 or PBIO 1404	Physiology or Animal Biology or Plant Biology (LN)	4
General Education, Major Related, or Elective courses		8
	Hours	**15**
Senior		
Fall		
BIOC 3223 or CHEM 3413 or CHEM 3433	Physical Chemistry for Life Sciences or Physical Chemistry Applications or Physical Chemistry I	3
CHEM 2113	Principles of Analytical Chemistry	3
Major Related, College/Departmental, and/or Elective courses		9
	Hours	**15**
Spring		
CHEM 4990	Undergraduate Research in Chemistry	2
Select 13 hours in remaining Major Related and Elective courses		13
	Hours	**15**
	Total Hours	**120**

[1] Speak with your academic advisor about pairing General Education (H) and (S) courses with General Education (G) and Diversity (D) dimensions.

Chemistry (Approved by the American Chemical Society), BS

Degree Programs

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
CHEM 1515	Chemistry II (LN) [1]	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), of (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
or MATH 2233	Differential Equations	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**14**
Major Requirements		
Minimum major GPA 2.50. Minimum grade of "C" in each course in Chemistry numbered 2000 or above. Minimum 2.0 GPA in all CHEM courses.		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3122	Organic Chemistry II Lab	2
CHEM 3153	Organic Chemistry II	3
Select 2 courses from:		6
CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3363	Bioinorganic Chemistry	
CHEM 4333	Inorganic Chemistry I	
CHEM 3433	Physical Chemistry I	3
CHEM 3532	Physical Chemistry Laboratory	2
CHEM 3553	Physical Chemistry II	3
or CHEM 4433	Computational Chemistry and Molecular Modeling	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4023	Modern Methods of Chemical Analysis	3
or CHEM 4033	Forensic Chemistry	
CHEM 4312	Inorganic Chemistry Laboratory	2
CHEM 4992	Applied Research in Chemistry	2
BIOC 3653	Survey of Biochemistry	3
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
Hours Subtotal		**49**
Electives		
Select 17 hours		17
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Advanced CHEM and MATH courses recommended.		
Hours Subtotal		**17**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
General Education, College/Departmental, and/or Elective courses		6
	Hours	**14**
Spring		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (Q)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4

General Education courses		3
	Hours	**15**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
MATH 2163 or MATH 2233	Calculus III or Differential Equations	3
PHYS 2014	University Physics I (LN)	4
General Education, College/Departmental and/or Elective courses		6
	Hours	**16**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 2114	University Physics II (LN)	4
General Education, College/Departmental, and/or Elective courses		6
	Hours	**15**
Junior		
Fall		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3433	Physical Chemistry I	3
General Education, College/Departmental and/or Elective courses		6
	Hours	**14**
Spring		
BIOC 3653	Survey of Biochemistry	3
CHEM 3353 or CHEM 3363	Descriptive Inorganic Chemistry or Bioinorganic Chemistry	3
CHEM 3353 and CHEM 3363 offered every other spring semester		
Select one of the following:		5
CHEM 3553 & CHEM 3532	Physical Chemistry II and Physical Chemistry Laboratory	
CHEM 4023 & CHEM 4022	Modern Methods of Chemical Analysis and Modern Methods of Chemical Analysis Laboratory	
CHEM 3553 & CHEM 3532 and CHEM 4023 & CHEM 4022 offered every other spring semester		
CHEM 4433 & CHEM 4033 offered in alternating Spring semesters as alternatives to CHEM 3553 and CHEM 4023.		
General Education, College/Departmental, and/or Elective courses		5
	Hours	**16**
Senior		
Fall		
CHEM 4322 or CHEM 4313	Advanced Organic Chemistry Laboratory or Medicinal Organic Chemistry	2
CHEM 4322 and CHEM 4313 offered every other fall semester		
CHEM 4333	Inorganic Chemistry I	3
CHEM 4990	Undergraduate Research in Chemistry	1
Elective courses		9
	Hours	**15**
Spring		
Select one of the following:		5
CHEM 4023 & CHEM 4022	Modern Methods of Chemical Analysis and Modern Methods of Chemical Analysis Laboratory	
CHEM 3553 & CHEM 3532	Physical Chemistry II and Physical Chemistry Laboratory	
CHEM 4023 & CHEM 4022 and CHEM 3553 & CHEM 3532 offered every other spring semester		
CHEM 4433 & CHEM 4033 offered in alternating Spring semesters as alternatives to CHEM 3553 and CHEM 4023		
CHEM 4990	Undergraduate Research in Chemistry	1
Elective courses		9
	Hours	**15**
	Total Hours	**120**

Chemistry, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
CHEM 1515	Chemistry II (LN) [1]	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), of (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
or MATH 2233	Differential Equations	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**14**
Major Requirements		
Minimum major GPA 2.00.		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3122	Organic Chemistry II Laboratory	2
CHEM 3153	Organic Chemistry II	3
Select 2 courses from:		6
CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3363	Bioinorganic Chemistry	
CHEM 4333	Inorganic Chemistry I	
CHEM 3433	Physical Chemistry I	3
CHEM 3553	Physical Chemistry II	3
or CHEM 4433	Computational Chemistry and Molecular Modeling	
CHEM 4023	Modern Methods of Chemical Analysis	3
or CHEM 4033	Forensic Chemistry	
Select one of the following:		2
CHEM 3532	Physical Chemistry Laboratory	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	
CHEM 4123	Biomolecular Chemistry and Function	
CHEM 4312	Inorganic Chemistry Laboratory	
CHEM 4322	Advanced Organic Chemistry Laboratory	
CHEM 4313	Medicinal Organic Chemistry	
BIOC 3653	Survey of Biochemistry	3
CHEM 4992	Applied Research in Chemistry	2
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
Hours Subtotal		**45**
Electives		
Select 21 hours		21
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**21**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
General Education courses		6
	Hours	**14**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114		
CHEM 1515	Chemistry II (LN)	5

MATH 2153	Calculus II (Q)	3
General Education, College/Departmental, and/or Elective courses		3
	Hours	**15**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
MATH 2163 or MATH 2233	Calculus III or Differential Equations	3
PHYS 2014	University Physics I (LN)	4
General Education, College/Departmental, and/or Elective courses		4
	Hours	**14**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 2114	University Physics II (LN)	4
General Education, College, and Major courses		6
	Hours	**15**
Junior		
Fall		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3433	Physical Chemistry I	3
College and Elective courses		8
	Hours	**16**
Spring		
CHEM 3353 or CHEM 3363 or CHEM 4333	Descriptive Inorganic Chemistry or Bioinorganic Chemistry or Inorganic Chemistry I	3
CHEM 3353 and CHEM 3363 offered every other spring		
CHEM 4333 offered every fall		
Select one of the following:		3
CHEM 3553 or CHEM 4433	Physical Chemistry II or Computational Chemistry and Molecular Modeling	
CHEM 3553 and CHEM 4433 offered every other spring semester		
CHEM 4023 or CHEM 4033	Modern Methods of Chemical Analysis or Forensic Chemistry	
CHEM 4023 and CHEM 4033 offered every other spring		
Select one of the following:		2
CHEM 3532	Physical Chemistry Laboratory	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	
CHEM 4322	Advanced Organic Chemistry Laboratory (Fall only)	
CHEM 4990	Undergraduate Research in Chemistry	1
General Education, College/Departmental and/or Elective courses		6
	Hours	**15**
Senior		
Fall		
BIOC 3653	Survey of Biochemistry	3
CHEM 4333	Inorganic Chemistry I (if needed)	3
Students should complete two courses from: CHEM 3353, CHEM 3363, and CHEM 4333		
Elective courses		9
	Hours	**15**
Spring		
Select one of the following:		3
CHEM 3553 or CHEM 4433	Physical Chemistry II or Computational Chemistry and Molecular Modeling	
CHEM 3553 and CHEM 4433 offered every other spring semester		
CHEM 4023 or CHEM 4033	Modern Methods of Chemical Analysis or Forensic Chemistry	
CHEM 4023 and CHEM 4033 offered every other spring semester		
CHEM 4990	Undergraduate Research in Chemistry	1
Elective courses		12
	Hours	**16**
	Total Hours	**120**

Chemistry: Pre-Health, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
CHEM 1515	Chemistry II (LN) [1]	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), of (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
STAT 2013	Elementary Statistics (Q)	3
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**15**
Major Requirements		
Minimum major GPA 2.00.		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3122	Organic Chemistry II Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
or CHEM 3363	Bioinorganic Chemistry	
CHEM 3433	Physical Chemistry I	3
Select one of the following:		3
CHEM 3532	Physical Chemistry Laboratory	
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4033	Forensic Chemistry	
CHEM 4123	Biomolecular Chemistry and Function	
CHEM 4312	Inorganic Chemistry Laboratory	
CHEM 4313	Medicinal Organic Chemistry	
CHEM 4333	Inorganic Chemistry I	
CHEM 4433	Computational Chemistry and Molecular Modeling	
Select one of the following:		2
CHEM 4992	Applied Research in Chemistry	
CHEM 4482	Chemical Research & Literature Review	
BIOC 3653	Survey of Biochemistry	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
Select 18 upper-division related hours of the following: [2]		18
ANSI 3423 or BIOL 3023 or BIOC, BIOL, CHEM, MICR		
Hours Subtotal		**56**
Electives [2]		
Select 9 hours		9
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 6 additional upper-division hours.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		

Additional requirements for professional school admission exist. View Admission Requirement Sheets at http://prehealth.okstate.edu.	
Hours Subtotal	**9**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from advisor and department head, a maximum of 27 hours from an accredited doctoral health or law program may be used among upper-division related hours and electives.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 2144	Calculus I (Q)	4
CHEM 1314	Chemistry I (LN)	4
General Education and Elective courses		7
	Hours	**15**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Major Related, College/Departmental, and Elective courses		7
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major Related, College/Departmental, and Elective courses		6
	Hours	**15**
Junior		
Fall		
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
BIOL 3204	Physiology	4
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
STAT 3023 or STAT 2013 or STAT 4013	Statistical Reasoning for Medical Applications (Q) or Elementary Statistics (Q) or Statistical Methods I (Q)	3
	Hours	**14**
Spring		
BIOC 3653	Survey of Biochemistry	3
CHEM 3353 or CHEM 3363	Descriptive Inorganic Chemistry or Bioinorganic Chemistry	3
CHEM 3353 and CHEM 3363 offered every other spring semester		
CHEM 4990	Undergraduate Research in Chemistry	1
Major Related, College/Departmental, and Elective courses		9
	Hours	**16**
Senior		
Fall		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 4990	Undergraduate Research in Chemistry	1
Major Related and Elective courses		9
	Hours	**15**
Spring		
CHEM 3413	Physical Chemistry Applications	3
CHEM 4123	Biomolecular Chemistry and Function	3
Major and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Chemistry: Secondary Teacher Certification, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1,2]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		3
Courses designated (DH)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [2]	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN) [1,2]	4
PHYS 1114	College Physics I (LN) [2]	4
or PHYS 2014	University Physics I (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other first year approved seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1515	Chemistry II (LN) [1,2]	5
PHYS 1214	College Physics II (LN) [2]	4
or PHYS 2114	University Physics II (LN)	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Chemistry Core		
Minimum GPA 2.50 and minimum grade of "C" or "P" in Chemistry Core		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3353	Descriptive Inorganic Chemistry	3
or CHEM 3363	Bioinorganic Chemistry	
CHEM 3433	Physical Chemistry I	3
CHEM 4992	Applied Research in Chemistry	2
or CHEM 4482		
BIOC 3653	Survey of Biochemistry	3
STAT 2013	Elementary Statistics (Q)	3
or STAT 4013	Statistical Methods I (Q)	
Secondary Education Professional Core		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in K-12 Education	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach [3]	3
SMED 4713	Teaching and Learning Science in the Secondary School [3]	3
SPED 3202	Educating Exceptional Learners	2
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4720	Internship in the Secondary Classroom (6 hours) [3]	8
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School	4
Hours Subtotal		**56**
Electives		

Select 11 hours	11
May need to include 6 hours of a foreign language. See note 3	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
Hours Subtotal	**11**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.
[2] Minimum GPA 2.50 and minimum grade of "C" or "P."
[3] Full admission to Professional Education required.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education courses		6
	Hours	**16**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (Q)	3
General Education courses		4
	Hours	**16**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
PHYS 1114	College Physics I (LN)	4
Major, College/Departmental, and Elective courses		8
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1214	College Physics II (LN)	4
SMED 3013	Knowing and Learning in K-12 Education	3
General Education and College/Departmental courses		4
	Hours	**16**
Junior		
Fall		
CIED 3313	Field Experience in the Secondary Schools	3
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
SPED 3202	Educating Exceptional Learners	2
Major, College/Departmental, and Elective courses		6
	Hours	**16**
Spring		
CHEM 3353 or CHEM 3363	Descriptive Inorganic Chemistry or Bioinorganic Chemistry	3
CHEM 3353 and CHEM 3363 offered every other spring semester		
CHEM 3413	Physical Chemistry Applications	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major and Elective courses		5
	Hours	**15**
Senior		
Fall		
BIOC 3653	Survey of Biochemistry	3
CHEM 4990	Undergraduate Research in Chemistry	2
PHIL 3933	Creation and Evolution	3
SMED 4023	Advanced Field Placement in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major and Elective courses		3
	Hours	**17**
Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
	Hours	**9**
	Total Hours	**120**

Medicinal Chemistry, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
CHEM 1314	Chemistry I (LN) [1]	4
CHEM 1515	Chemistry II (LN)	5
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), of (F).		0
Subtotal Hours		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
STAT 2013	Elementary Statistics (Q)	3
or STAT 3023	Statistical Reasoning for Medical Applications (Q)	
or MATH 2153	Calculus II (Q)	
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Subtotal Hours		**15**
Major Requirements		
Minimum major GPA 2.00.		
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3122	Organic Chemistry II Laboratory	2
CHEM 3153	Organic Chemistry II	3
CHEM 3363	Bioinorganic Chemistry	3
or CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3433	Physical Chemistry I	3
or BIOC 3223	Physical Chemistry for Life Sciences	
CHEM 4023	Modern Methods of Chemical Analysis	3
or CHEM 4033	Forensic Chemistry	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	2
CHEM 4123	Biomolecular Chemistry and Function	3
CHEM 4313	Medicinal Organic Chemistry	3
CHEM 4992	Applied Research in Chemistry	2
BIOC 3653	Survey of Biochemistry	3
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
BIOL 3203	Physiology	3
BIOL 3201	Physiology Lab	1
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
Subtotal Hours		**53**
Electives		**12**
May need to include 6 hours of a foreign language (see note 3.).		
May need to include 6 hours upper-division general education major department (see note 2.c.) and 12 additional upper-division hours.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Suggested courses:		
MICR 3033	Cell and Molecular Biology	
MICR 3253	Immunology	
MICR 4053	Pathogenic Microbiology	
PSYC 1113	Introductory Psychology (S)	

	or SOC 1113 Introductory Sociology (S)	
Subtotal Hours		**12**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements:

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all CHEM courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4

General Education and College courses		6
	Hours	**14**
Spring		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
Students who wish to continue with Calculus II should plan to take MATH 2153		
	Hours	**15**
Sophomore		
Fall		
CHEM 3053	Organic Chemistry I	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		3
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3033	Cell and Molecular Biology (recommended elective)	3
PHYS 1214 or PHYS 2014	College Physics II (LN) or University Physics I (LN)	4
General Education, College/Departmental, and Elective courses		3
	Hours	**15**
Junior		
Fall		
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
BIOL 3204 or BIOL 1604 or PBIO 1404	Physiology or Animal Biology or Plant Biology (LN)	4
CHEM 2113	Principles of Analytical Chemistry	3
CHEM 2122	Quantitative Analysis Laboratory	2
College and Elective courses		3
	Hours	**15**
Spring		
BIOC 3653 or MICR 3223	Survey of Biochemistry or Advanced Microbiology	3
CHEM 3413	Physical Chemistry Applications	3
Select one of the following		5
CHEM 4023 & CHEM 4022	Modern Methods of Chemical Analysis and Modern Methods of Chemical Analysis Laboratory	
CHEM 3553 & CHEM 3532	Physical Chemistry II and Physical Chemistry Laboratory	
CHEM 4023 & CHEM 4022 and CHEM 3553 & CHEM 3532 offered every other spring semester		
College and Elective courses		3
	Hours	**14**
Senior		
Fall		
CHEM 4313 or CHEM 4322 or BIOL 4253	Medicinal Organic Chemistry or Advanced Organic Chemistry Laboratory or Pharmacology	3
CHEM 4313 and CHEM 4322 offered every other fall semester		
CHEM 4990	Undergraduate Research in Chemistry	1
STAT 3023/2013/4013	Statistical Reasoning for Medical Applications (Q)	3
College and Elective courses		9
	Hours	**16**
Spring		
CHEM 4123	Biomolecular Chemistry and Function (offered every other spring semester)	3
CHEM 3363 or CHEM 3353	Bioinorganic Chemistry or Descriptive Inorganic Chemistry	3
CHEM 3363 and CHEM 3353 offered every other spring semester		
CHEM 4990	Undergraduate Research in Chemistry	1
Major and Elective courses		9
	Hours	**16**
	Total Hours	**120**

Chemistry (CHEM), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Sheri Orr, PS 117A, 405-744-3729

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 26

Code	Title	Hours
Minor Requirements		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
CHEM 2113	Principles of Analytical Chemistry	3
Subtotal Hours		**12**
Choose 1 of the following: [1]		*5-8*
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
Select 6 or 9 hours from the following to equal a total of 26 hours: [1]		*6-9*
BIOC 3713 or BIOC 3653	Biochemistry I Survey of Biochemistry	
BIOC 3813	Biochemistry II	
CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3363	Bioinorganic Chemistry	
CHEM 3433 or BIOC 3223	Physical Chemistry I Physical Chemistry for Life Sciences	
CHEM 3553	Physical Chemistry II	
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4123	Biomolecular Chemistry and Function	
CHEM 4313	Medicinal Organic Chemistry	
CHEM 4333	Inorganic Chemistry I	
CHEM 4433	Computational Chemistry and Molecular Modeling	
CHEM 4650	Selected Topics in Chemistry	
CHEM 4990	Undergraduate Research in Chemistry	
Total Hours [1]		**26**

[1] If 5-hour option is chosen, then select 9 hours from the list; if 8-hour option is chosen, then select 6 hours from the list.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Communication Sciences and Disorders

The Department of Communication Sciences and Disorders offers a Certificate program in Communication Sciences and Disorders, a minor in Communication Sciences and Disorders, a Bachelor of Science degree in Communication Sciences and Disorders, and a Master of Science degree in Speech-Language Pathology.

- The certificate is available to students that have completed a bachelor's degree in another area and are wanting to apply to a graduate program in speech-language pathology and audiology or begin the pathway to become a speech-language pathology assistant. Students can enroll in the certificate program while pursuing their undergraduate degree but they are expected to complete their degree prior to the completion of the certification program.
- The minor program is offered for students who are interested to know more about the professions of Speech-Language Pathology and Audiology. The minor is also intended to benefit students who are receiving training in early childhood education, special education, or trainee teachers to know more about speech and language development and disorders.
- The undergraduate program focuses on the scientific study of normal and disordered communication processes. Emphasis is placed on developing background knowledge in phonetics, speech and language development, hearing and its disorders, anatomy and physiology, speech science, and the neurogenic bases of communication. During the senior year, students are introduced to a variety of communication disorders providing a pre-professional background for students interested in pursuing a Master of Science degree. All students participate in 25 hours of applied clinical observation.
- The graduate (M.S.) program in Speech-Language Pathology is the entry-level degree in the profession. The primary goal of our graduate program is to train students to be excellent clinicians who are capable of assessing and treating a range of communication disorders.

Courses

CDIS 1013 Brain Works (N)
Description: This course will teach students how to tap into their brain power to be a successful student. Basic neural anatomy and physiology, techniques to assist in test taking, socialization, critical thinking, memory, stress relief, and daily problem solving.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D
General Education and other Course Attributes: Natural Science Reasoning

CDIS 2013 Facts and Fiction About Communication Disorders (D)
Description: Overview and examination of communication disorders as portrayed in media (movies, books, etc.), dispelling myths and misconceptions. Discussion and practice with ways to be a respectful, successful communicator with people of different backgrounds, life experiences, and communication challenges.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D
General Education and other Course Attributes: Diversity

CDIS 2033 Deaf Communication and Education (D)
Description: Issues in communication and education for children with hearing loss (communication options, schooling options, assistive technology, cochlear implants, language development, literacy, socializing) and introduction to Deaf culture and American Sign Language. Awareness of the breadth of challenges and options facing parents and educators of children with hearing loss. Previously offered as CDIS 4033, CDIS 4132, and SPTH 4132.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D
General Education and other Course Attributes: Diversity

CDIS 2223 Speech and Language Development
Description: Discussion of current theories and research on typical language development over the lifespan. Normal acquisition of language (e.g. phonology); speech and language milestones; biological, cognitive, and social bases; description of dialect variations, second language acquisition; atypical language development; and relationship between spoken and written language. Previously offered as CDIS 3223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 2313 Introduction to Communication Disorders
Description: Introduction of communication impairments across the lifespan (speech, language and hearing disorders). Including their neuromuscular bases; assessment and treatment; and professions related to assessment and treatment. Open to all university students. Previously offered as CDIS 3213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 2890 Honors Add-on
Prerequisites: Honors College participation and concurrent enrollment in a designated course.
Description: A supplemental introductory honors experience to partner concurrently with designated course(s). This course adds a different intellectual dimension to the designated course(s).
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D
General Education and other Course Attributes: Honors Credit

CDIS 3113 Communication Disorders in Children
Prerequisites: A grade of "C" or higher in CDIS 2313 and (CDIS 2223 or CDIS 3223).
Description: Assessment and treatment of childhood communication disorders including autism, cerebral palsy, articulation and phonological disorders (speech sounds and their normal acquisition, common phonological errors), language disorders, fluency disorders, nonverbal and minimally verbal children, children using AAC, voice disorders and communication disorders in school-age children. Same course as CDIS 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 3123 Audiology Diagnosis
Prerequisites: CDIS 3203 with a grade of "C" or higher.
Description: Introduction to the profession of audiology, anatomy and physiology of the auditory system, types of hearing loss, hearing disorders, and clinical tests used in the diagnosis of children and adults with hearing loss. Previously offered as SPTH 3123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 3203 Anatomy and Physiology of the Speech Mechanism
Prerequisites: A grade of "C" or higher in BIOL 1114 or (BIOL 1113 and BIOL 1111).
Description: Overview of the structure and function of the skeletal, muscular, respiratory, phonatory, articulatory, auditory, and nervous system involved in the speech communication processes. Previously offered as CDIS 4213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 3313 Phonetics
Description: The analysis and description of speech at the segmental and suprasegmental levels. Development of students' perceptual and analytical skills in speech sound production. Practice using the International Phonetic Alphabet for broad and narrow transcription. Overview of the speech production mechanism and process. Previously offered as CDIS 2213 and SPTH 2213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 3413 Introduction to Research
Prerequisites: A grade of "C" or higher in STAT 2013, STAT 2053 or STAT 4053.
Description: Introduction to research process and evidence based practice in communication disorders, including how to locate and evaluate research articles, how to find possible research topics, issues related to conduction of experiment, and how to determine treatment effectiveness.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4010 Clinic Practicum
Prerequisites: Consent of instructor.
Description: Supervised clinical practicum or internship in speech-language pathology and audiology. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Communications Sci & D

CDIS 4013 Diagnostics
Prerequisites: A grade of "C" or higher in CDIS 3213 and CDIS 3223.
Description: This course addresses principles and methods of assessment and diagnostics for people with communication disorders. The course includes test construction and design, reliability, validity, and other issues related to criterion and norm-referenced testing. Issues regarding diagnostic criteria and classification systems of communication disorders are also addressed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4023 Clinical Methods and Issues
Prerequisites: A grade of "C" or higher in CDIS 2213, CDIS 2223 and CDIS 3313.
Description: Fundamental process and procedures of clinical practicum, report writing, goal selection; production, assessment and recording of speech and language behaviors; development of interpersonal skills with clients, families, and other professionals; problem solving skills; professional organization and credentialing requirements and includes clinical observation. Previously offered as CDIS 4022.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4043 Audiology Clinical Methods
Description: Training in audiology clinic methods. Focus on roles, regulations, and responsibilities of audiology assistants. Includes audiology basics, providing patient care, clinic maintenance, ethics, hearing loss prevention, amplification and device maintenance, professional practices in health care and education settings, and communication/collaboration/teaming.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4073 Introduction to Sociolinguistics
Description: The study of how languages and varieties vary in social contexts and how they are regarded. Same course as ENGL 4073. May not be used for degree credit with ENGL 5173 or CDIS 5673.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4133 Audiology Treatment
Prerequisites: A grade of "C" or higher in CDIS 3123.
Description: Review of hearing aids, implantable hearing devices, medical management of hearing loss, aural rehabilitation, and other clinical treatments for children and adults with hearing loss. Previously offered as SPTH 4133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4313 Speech Science
Prerequisites: A grade of "C" or higher in CDIS 3313, CDIS 3203 and any PHYS course.
Description: Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 5313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4423 Neural Bases of Speech and Language (N)
Prerequisites: A grade of "C" or higher in CDIS 3203.
Description: Neuroanatomy and neuro-physiological processes related to speech and language. Including basic anatomy of the central and peripheral nervous systems and the physiological processes involved in neuromotor control and neuronal function related specifically to speech and language. Previously offered as CDIS 4412.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D
General Education and other Course Attributes: Natural Science Reasoning

CDIS 4433 Communication Disorders in Adults
Prerequisites: A grade of "C" or higher in CDIS 3203 and CDIS 4423.
Description: A review of language disorders and changes occurring with both normal aging and common neurological diseases and traumas, with focus on cerebral vascular accidents. Neurophysiological bases and etiology are presented as well as evaluation and treatment of aphasia and right hemisphere disorders, dementia and traumatic brain injury.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4542 Intro to Dyslexia
Description: Definition, myths and facts of dyslexia. Prevalence, risk factors, key characteristics, impact. Consensus findings on literacy and the science of reading (e.g., National Reading Panel, National Early Literacy Panel, IES Practice Guides). May not be used for degree credit with CDIS 5542.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4552 Language Processing for Reading and Writing
Description: Comprehensive exploration of the language processing requirements essential for proficient reading and writing. Typical development of oral language, phoneme awareness, decoding skills, printed word recognition, spelling, reading fluency, reading comprehension, and written expression. Detail on domains of language, including phonology, morphology, syntax, semantics, and pragmatics, to understand their significance in reading and writing proficiency. May not be used for degree credit with CDIS 5552.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4562 Dyslexia and the Brain
Description: Neurobiological underpinnings of reading. Cognitive, neural, genetic, and environmental factors that contribute to both typical and atypical reading development. Identification and function of neural circuits involved in reading. Neurobiological mechanisms underlying reading disorders such as dyslexia. Recommended prep: CDIS 4542/5542 or other background/experience with foundations of reading, dyslexia, or neural language processing. May not be used for degree credit with CDIS 5562.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4572 Assessment of Dyslexia
Prerequisites: Grade of "C" or better in CDIS 4542 or CDIS 5542.
Description: Methods to assess and support students with reading difficulties. Assessment tools and techniques, including screening, progress-monitoring, diagnostic, and outcome assessments. Practice reading and interpreting common diagnostic tests and informal diagnostic surveys to assess phonological and phoneme awareness, decoding skills, fluency, comprehension, spelling, and writing. May not be used for degree credit with CDIS 5572.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4900 Undergraduate Research
Prerequisites: Consent of instructor.
Description: Research in speech, language, and hearing sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Communications Sci & D

CDIS 4970 Special Topics in CSD
Prerequisites: Consent of instructor.
Description: Individual and group investigations of topics in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 4980 Independent Study in CDIS
Prerequisites: Junior standing and consent of instructor.
Description: Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Communications Sci & D

CDIS 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a faculty member. Required for graduation with departmental honors in communication sciences and disorders.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Communications Sci & D
General Education and other Course Attributes: Honors Credit

CDIS 5000 Masters Research & Thesis
Prerequisites: Consent of graduate faculty.
Description: Research in speech, language and hearing sciences and disorders. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Communications Sci & D

CDIS 5013 Evidence-Based Practice
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders or consent of instructor.
Description: Principles and procedures of evidence-based practice in communication sciences and disorders; experience finding and evaluating systematic research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5113 Developmental Language Disorders
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Assessment and treatment of developmental language disorders from birth to the early school years. Coverage of the continuum of naturalness from play-based therapy to clinician-directed therapy. The course includes current standards of practice as well as attention to changes derived from evidence-based practice.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5143 Speech Sound Disorders
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Assessment and treatment of speech sound disorders, including phonological disorders, articulation disorders, and childhood apraxia of speech. Affected individuals include toddlers, children, and young adults. The course includes current standards of practice as well as attention to changes derived from evidence-based practice.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5153 Neurological Communication Disorders
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Communication changes occurring with aging and common neurological diseases and trauma. Neurophysiological bases and etiology. Evaluation and treatment of aphasia and right hemisphere disorders. Previously offered as CDIS 5152.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5163 Dysphagia
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Anatomy and physiology of the swallowing mechanism in healthy individuals and in individuals with dysphagia across life span. Evaluation, diagnosis and treatment of swallowing problems across life span with case studies and discussions. The first two-thirds of the course focus on adult dysphagia and the latter one third on pediatric dysphagia. Previously offered as CDIS 5160.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5183 Traumatic Brain Injury and Dementia
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Nature, evaluation and treatment of acquired cognitive communication disorders secondary to traumatic injury or dementia.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5193 Motor Speech Disorders
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Nature, evaluation and treatment of neurologically-based motor speech disorders such as dysarthria and apraxia. Previously offered as CDIS 5172.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5210 Advanced Practicum
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, and consent of instructor.
Description: Practical experience for the advanced student on or off campus. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Communications Sci & D
Additional Fees: CDIS 5210 Spath Mat Test fee of $20, CDIS 5210 Spath Insurance fee of $15, and CDIS 521 Clinical Mat fee of $75 apply.

CDIS 5243 Disorders of Literacy and Complex Language
Prerequisites: A grade of "B" or higher in CDIS 5113 and graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Assessment and treatment of literacy disorders and disorders of complex oral language. Clients include school-aged children, adolescents, and young adults. Students will make connections between literacy conventions and the structure of spoken language including complex phrases and sentences. The course includes current standards of practice as well as attention to changes derived from evidence-based practice. Previously offered as CDIS 5242.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5313 Speech Science
Description: Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 4313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5330 Voice and Resonance Disorders
Description: This course is designed for students to have an advanced knowledge for the assessment and treatment of vocal and resonance disorders. Knowledge of the vocal mechanism is a pre-requisite of evaluating and treating these disorders and will be the emphasis in the early portion of this course. Previously offered as CDIS 5333 and 5334.
Credit hours: 1-4
Contact hours: Lecture: 1-4 Contact: 1-4
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5340 Counseling for Speech-Language Pathologists
Description: This course is designed specifically for speech-language pathologists and presents the concepts of counseling as they relate to the assessment and treatment of individuals with communicative disorders, their families, and others in their environment. The goal is to make the connection between the theories of communication disorders and their application for individuals with communication disorders. Topics include the importance of a client-clinician relationship, efficacy beyond traditional measures, practice-based evidence, making change, diversity, and ethics. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Lecture: 1-4 Contact: 1-4
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5420 Augmentative/Alternative Communication
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Evaluation and management of communication disorders in individuals requiring specially adapted educational intervention programs. Adaptive communication technologies. Previously offered as CDIS 5423.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5433 Cleft Palate
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Recent research in the etiology, assessment and management of communicative disorders in individuals with cleft palate.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5533 Autism Spectrum Disorder: Assessment & Intervention of Communication Deficits
Prerequisites: Graduate standing or permission of instructor.
Description: Assessment and treatment of communication deficits associated with autism spectrum disorder. Etiologies and recent trends in autism spectrum disorder will also be discussed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5542 Intro to Dyslexia
Description: Definition, myths and facts of dyslexia. Prevalence, risk factors, key characteristics, impact. Consensus findings on literacy and the science of reading (e.g., National Reading Panel, National Early Literacy Panel, IES Practice Guides). May not be used for degree credit with CDIS 4542.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5552 Language Processing for Reading and Writing
Description: Comprehensive exploration of the language processing requirements essential for proficient reading and writing. Typical development of oral language, phoneme awareness, decoding skills, printed word recognition, spelling, reading fluency, reading comprehension, and written expression. Detail on domains of language, including phonology, morphology, syntax, semantics, and pragmatics, to understand their significance in reading and writing proficiency. May not be used for degree credit with CDIS 4552.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5562 Dyslexia and the Brain
Description: Neurobiological underpinnings of reading. Cognitive, neural, genetic, and environmental factors that contribute to both typical and atypical reading development. Identification and function of neural circuits involved in reading. Neurobiological mechanisms underlying reading disorders such as dyslexia. Recommended prep: CDIS 4542/5542 or other background/experience with foundations of reading, dyslexia, or neural language processing. May not be used for degree credit with CDIS 4562.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5572 Assessment of Dyslexia
Prerequisites: Grade of "C" or better in CDIS 4542 or CDIS 5542
Description: Methods to assess and support students with reading difficulties. Assessment tools and techniques, including screening, progress-monitoring, diagnostic, and outcome assessments. Practice reading and interpreting common diagnostic tests and informal diagnostic surveys to assess phonological and phoneme awareness, decoding skills, fluency, comprehension, spelling, and writing. May not be used for degree credit with CDIS 4572.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5710 Special Topics in Communication Disorders
Prerequisites: Consent of instructor.
Description: Individual and group investigations of problems in communication sciences and disorders. Repeatable with substantial change in content. Offered for variable credit, 2-3 credit hours, maximum of 12 credit hours.
Credit hours: 2-3
Contact hours: Lecture: 2-3 Contact: 2-3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5713 Fluency Disorders
Prerequisites: Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.
Description: Current research regarding the nature of etiologies, evaluation and treatment of dysfluent speech in both children and adults. Previously offered as CDIS 4443 and SPTH 4443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5720 Seminar in Communication Sciences and Disorders
Prerequisites: Consent of instructor.
Description: Readings, discussion, and inquiry in communication disorders. Topics may include theory, research, or application to evaluation or treatment of one or multiple disorders. Repeatable with substantial change in content. Offered for variable credit, 2-3 credit hours, maximum of 12 credit hours.
Credit hours: 2-3
Contact hours: Lecture: 2-3 Contact: 2-3
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5730 Independent Study in Communication Sciences and Disorders
Prerequisites: Graduate standing and consent of instructor.
Description: Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Communications Sci & D

CDIS 5732 Professional Issues
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Communications Sci & D

CDIS 5760 Portfolio
Prerequisites: Graduate standing.
Description: Nature and preparation of professional portfolio with faculty guidance. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Graduate
Schedule types: Independent Study
Department/School: Communications Sci & D

Undergraduate Programs

- Communication Sciences and Disorders, BS (p. 1221)

Graduate Programs

The Master of Science degree program is designed to provide students with intensive coursework in the various communication disorders and with a wide variety of challenging clinical rotations both on and off campus. Research opportunities are available under the direction of the graduate faculty. Graduates are prepared to take positions in hospitals, community speech and hearing centers, private practices, schools and other related settings, and to pursue additional graduate education at the doctoral level. All graduates meet the academic and clinical requirements for the Certificate of Clinical Competence in Speech-Language Pathology from the American Speech-Language-Hearing Association, and the Oklahoma license in Speech-Language Pathology. Additionally, many students elect to earn the state teaching certificate required to practice speech-language pathology in the Oklahoma school system. The program holds national accreditation from the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

Prerequisites

Admission to the graduate program requires a bachelor's degree in Communication Sciences and Disorders, or an out-of-field bachelor's degree plus 24 hours of prerequisite coursework.

Admission Requirements

Applicants for admission are recommended to have a minimum grade-point average of 3.1 in the major and strong letters of recommendation from those familiar with the student's previous academic background. Students not meeting the above requirements may be admitted on a provisional basis. Admission is competitive, and all application materials must be received by January 15 of each calendar year for summer or fall admission. Completed applications must include: an online application, three letters of recommendation, transcripts from all undergraduate institutions submitted, and a personal statement indicating why the applicant desires to be a speech-language pathologist, all submitted to the CSDCAS portal. In addition, all applicants must have completed an acoustics course and a neural anatomy and physiology course having earned a grade of "B" or better. Additional national certification requirements must be completed before enrollment in graduate coursework. Those requirements include the following: physics, biology, psychology, and statistics.

International students follow the same application procedure as U.S. students with one addition. If English is not the student's native language he or she is required to score a minimum of 79 (internet-based) or 550 (paper-based) on the Test of English as a Foreign Language (TOEFL) and a minimum of 26 (internet-based) on the speaking portion of the TOEFL (IBT). It is especially important that students have readily intelligible spoken English, as they will be conducting therapy sessions in English. Additional Graduate College Requirements: Students who score a minimum of 42 on the combined Reading and Listening portions of the TOEFL (internet based) with a minimum score of 20 in each section are not required to enroll in remedial coursework. Remedial coursework includes enrollment in ENGL 0003 Academic English for Graduate Students during the first semester. The course carries a grade of S/U and may not be used toward minimum degree requirements. Students must enroll in ENGL 0003 Academic English for Graduate Students each semester until a grade of S is earned. Students who score less than 22 on the TOEFL Writing portion must enroll in ENGL 4893 during their first semester. ENGL 4893 carries graduate credit and may be used toward minimum degree requirements. A minimum grade of C is required. Both ENGL 0003 Academic English for Graduate Students and ENGL 4893 as applicable, must be listed on the student's Plan of Study.

Alternatively, an official IELTS, academic stream, examination with a minimum overall band score of 6.5 is required for admission to the graduate program. However, a minimum IELTS speaking score of 8.5 is required for clinical assignments. Either examination must have been taken within the last two years. Students who have completed the IELTS- or the paper-based TOEFL have different requirements as stated by the OSU Graduate College. To ensure that graduate students are sufficiently skilled at written English, the Test of English Language Proficiency (TELP) is required for all graduate students who took the IELTS or paper-based (PBT) TOEFL test. The TELP must be taken before the student's first semester enrollment. The International Student Services Office is available on campus to assist international students.

Financial Aid

All admitted students will be considered for graduate teaching assistantships and fee waiver scholarships. Graduate teaching assistants qualify for tuition waiver.

Program Requirements

Requirements for the master of science degree include 36 credit hours of academic courses and 15 credit hours of clinical practicum. The program typically can be completed in two academic years including one summer semester.

Examinations

Students enrolled in a thesis option complete a master's thesis under the direction of a member of the graduate faculty. Students enrolled in a non-thesis option complete a comprehensive examination.

Certificates

Undergraduate Certificates

- Audiology Assistants, UCRT (p. 1219)
- Communication Sciences and Disorders, UCRT (p. 1224)
- Dyslexia, UCRT (p. 1225)
- Speech-Language Pathology Assistants, UCRT (p. 1226)

Graduate Certificate

- Dyslexia, GCRT (p. 3146)

Minors

The Minor program in Communication Sciences and Disorders is offered for students who are interested to know more about the professions of Speech-Language Pathology and Audiology. The minor is also intended to benefit students who are receiving training in early childhood education, special education, or trainee teachers to know more about speech and language development and disorders. This will help them to identify kids with speech and language deficits in their classes and make appropriate referrals to speech-language pathologists and audiologists.

Curriculum:

- CDIS 2033—Deaf Communication & Education
- CDIS 2313—Introduction to Communication Disorders
- CDIS 2223—Speech and Language Development
- CDIS 3113—Communication Disorders in Children*
- CDIS 3123—Audiology Diagnosis

***CDIS 2313 and CDIS 2223 are pre-requisites for CDIS 3113**

Minimum grade and/or GPA for minor courses: 2.75 GPA and a grade of "C" or higher

- Communication Sciences and Disorders (CDIS), Minor (p. 1220)

Faculty

Peter Richtsmeier, PhD—Associate Professor and Interim Department Head
Professor: John Tetnowski, PhD, CCC-SLP
Associate Professor: Sabiha Parveen, PhD, CCC-SLP; Valerie Freeman, PhD
Assistant Professors: Yu Zhang, PhD
Clinical Faculty: Lisa Ashley, MEd, CCC-SLP; Kristi Carpenter, MS, CCC-SLP; Tori Courouleau, AuD, CCC-A; Sherri Norton, MA, CCC-SLP; Caryl Hennen, MEd, CCC-SLP; Mandie Harris, MA, CCC-SLP; Leslie Baldwin, MA, CCC-SLP
Teaching Faculty: Shenbagavalli Mahalingam, PhD

Audiology Assistants, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 16

Code	Title	Hours
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3123	Audiology Diagnosis	3
CDIS 4043	Audiology Clinical Methods	3
CDIS 4133	Audiology Treatment	3
CDIS 4010	Clinic Practicum [1]	4
Total Hours		**16**

[1] In-person internship will be arranged for optional practicum.

Communication Sciences and Disorders (CDIS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA for minor courses: 2.75 GPA and a grade of "C" or higher.
Total Hours: 15

Code	Title	Hours
Course Requirements		
CDIS 2033	Deaf Communication and Education (D)	3
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3113	Communication Disorders in Children [1]	3
CDIS 3123	Audiology Diagnosis	3
Total Hours		**15**

[1] CDIS 2313 and CDIS 2223 are pre-requisites for CDIS 3113.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Communication Sciences and Disorders, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
STAT 4053	Statistical Methods I for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
Select one of the following:		4
PHYS 1014	Descriptive Physics (N)	
PHYS 1114	College Physics I (LN)	
PHYS 2014	University Physics I (LN)	
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		

Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.

Courses designated (Q), (H), (N), (S), (D), (G), or (F).		3
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
Select one of the following:		3
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
or other Arts & Humanities course, see note 2.a.		
Natural & Mathematical Sciences		
Select 9 hours of the following:		9
CDIS 1013	Brain Works (N)	
PSYC 3073	Neurobiological Psychology (N)	
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	
or BIOL 3204	Physiology	
or BIOL 3123	Human Heredity (N)	
Other natural or mathematical sciences courses		
See note 2.b.		
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.75. Minimum grade of "C" in all CDIS courses		
CDIS 2223	Speech and Language Development	3
CDIS 2313	Introduction to Communication Disorders	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3313	Phonetics	3
CDIS 3413	Introduction to Research	3
CDIS 4013	Diagnostics	3
CDIS 4023	Clinical Methods and Issues	3
CDIS 4133	Audiology Treatment	3
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language (N)	3
CDIS 4433	Communication Disorders in Adults	3
EPSY 3413	Child and Adolescent Development	3
Select 3 hours of the following related courses:		3
CDIS 2013	Facts and Fiction About Communication Disorders (D)	

HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
HDFS 3123	Parenting Across Family Contexts (S)	
HDFS 3203	International Perspectives on Children's Play (G)	
HDFS 4413	Successful Aging (S)	
HDFS 4543	Intergenerational Relationships (S)	
PSYC 2583	Developmental Psychology (S)	
PSYC 3443	Psychopathology (S)	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4343	Language Development (S)	
PSYC 4483	Psychology of Parent Behavior (S)	
SOC 3993	Sociology of Aging (DS)	
Select 3 hours of the following multicultural courses:		3
CDIS 2033	Deaf Communication and Education (D)	
ANTH 3353	Cultural Anthropology (GS)	
CPSY 4443	Cultural Diversity in Professional Life (D)	
ENGL 4093	Language in America (DS)	
HDFS 4793	International Families (GS)	
SOC 3523	Juvenile Delinquency (DS)	
SPCH 4753	Intercultural Communication (G)	
ENGL 4043	Teaching English to Speakers of Other Languages	
Hours Subtotal		**48**
Electives		
Select 18 hours		18
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 hour may need to be upper-division		
Students who desire to meet Teacher Education requirements should choose the following courses:		
SCFD 3223	Role of Teacher in American Schools (D)	
SPED 3202	Educating Exceptional Learners	
Also recommended:		
ASL 1713	American Sign Language I (F)	
or CDIS 2033	Deaf Communication and Education (D)	
CDIS 4980	Independent Study in CDIS	
SPCH 2713	Introduction to Speech Communication (S)	
Hours Subtotal		**18**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of

college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
General Education courses		13
	Hours	**16**
Spring		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
General Education courses		10
	Hours	**14**
Sophomore		
Fall		
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3313	Phonetics	3
General Education courses		6
	Hours	**15**
Spring		
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3413	Introduction to Research	3
PHYS 1014	Descriptive Physics (N)	4
College and Elective courses		5
	Hours	**15**
Junior		
Fall		
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
College and Elective courses		9
	Hours	**15**
Spring		
CDIS 4133	Audiology Treatment	3
CDIS 4023	Clinical Methods and Issues	3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language (N)	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
CDIS 4013	Diagnostics	3
CDIS 4433	Communication Disorders in Adults	3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Communication Sciences and Disorders, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 38

Code	Title	Hours
Required Courses		
PHYS 1014	Descriptive Physics (N) [1]	4
or PHYS 1114	College Physics I (LN)	
or CHEM 1314	Chemistry I (LN)	
or CHEM 1215	Chemical Principles I (LN)	
PSYC 1113	Introductory Psychology (S) [1]	3
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
STAT 2013	Elementary Statistics (A) [1]	3
CDIS 2223	Speech and Language Development	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3123	Audiology Diagnosis	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism	3
CDIS 3313	Phonetics	3
CDIS 4023	Clinical Methods and Issues	3
CDIS 4313	Speech Science	3
CDIS 4423	Neural Bases of Speech and Language (N)	3
Total Hours		**38**

[1] Indicates General Education courses.

Other Requirements

- The student must have a Bachelor's degree or is expected to complete a Bachelor's degree by the completion of certificate requirements.
- The student maintains a 2.75 to complete the certificate.
- No grade less than a "C" is earned in the major specific courses.
- Residency Requirement: The student must complete 18 hours or half of the total hours at Oklahoma State University in order to receive a certificate from OSU.

Dyslexia, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 17

Code	Title	Hours
CDIS 4542	Intro to Dyslexia	2
CDIS 4552	Language Processing for Reading and Writing	2
CIED 3293	Teaching Reading in the Elementary and Middle School	3
SPED 5673	Improving Literacy Skills of Individuals with Disabilities	3
CDIS 4562	Dyslexia and the Brain	2
CDIS 4572	Assessment of Dyslexia	2
CIED 5493	Multisensory Phonics Instruction	3
Total Hours		**17**

Speech-Language Pathology Assistants, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 21

Code	Title	Hours
CDIS 2313	Introduction to Communication Disorders	3
CDIS 2223	Speech and Language Development	3
CDIS 3313	Phonetics	3
CDIS 3113	Communication Disorders in Children	3
CDIS 3203	Anatomy and Physiology of the Speech Mechanism [1]	3
CDIS 4433	Communication Disorders in Adults [2]	3
CDIS 4010	Clinic Practicum [3]	3
Total Hours		**21**

1 Prerequisite: BIOL 1111 & 1113 or BIOL 1114 (general education)

2 Prerequisite CDIS 3203 can be taken simultaneously. Prerequisite CDIS 4423 can be waived for certificate students.

3 Off-campus practicum internships must be in person and are typically arranged following completion of other coursework.

Computer Science

Computer Science is the discipline of “problem solving” using a computer. Consequently, individuals studying this field learn to decompose a problem into its salient parts (design), apply a variety of algorithmic techniques to address those parts (analyze), and then translate the algorithmic solutions into a format that the computer can understand (program). Professional computer scientists apply their knowledge to diverse fields of science, engineering, business, medicine, entertainment, and communications.

Professional computer scientists obtain a formal education through the BS, MS, or PhD degrees with many opportunities to specialize in areas such as computer security, artificial intelligence, big data analytics, or mobile app development, among others. The Computer Science Department at OSU offers two options for undergraduate studies. The ABET-accredited BS degree in Computer Science emphasizes developing programming skills backed by a deep foundation in the theoretical and mathematical tools needed to analyze algorithmic solutions. The BS Computer Science degree is also available online. On the other hand, the new BS in Applied Computer Programming focuses on software design and development with less attention to math and theory.

At the graduate level, students can obtain both an MS and PhD in CS at our Stillwater location. At the master’s level, students can choose either the thesis option for those interested in research or the non-thesis option for those interested in honing industry-ready skills. Our PhD program is designed for students interested in finding research-oriented university or industry positions after graduation. A 4+1 option is available to OSU undergraduates which helps them obtain an MS sooner by applying 9 hours of computer science courses to both their BS and MS programs.

Courses

CS 1003 Computer Proficiency
Description: Introduces students to the fundamental concepts of computing in a way that is accessible and engaging for non-computer science majors. The course explores key topics such as computer architecture, networking, data and its importance, computational thinking, programming logic, and emerging technologies. Previously offered as CS 1002.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 1013 Computer Science Principles
Description: Computing as a creative human activity, abstraction to reduce detail and focus on concepts relevant to understanding and solving problems, describing data and information to facilitate the creation of knowledge, discuss algorithms as tools for developing and expressing solutions to computational problems, use programming is a creative process that produces computational artifacts; and discuss digital devices, systems, and the networks that interconnect them.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

CS 1103 Computer Programming (Q)
Prerequisites: MATH 1513 or higher, each with a grade of "C" or better.
Description: Introduction to computer programming using a high-level computer language, including subprograms and arrays. Principles of problem solving, debugging, documentation, and good programming practice. Elementary methods of searching and sorting. No prior programming or computing experience needed. Previously offered as CS 2103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science
General Education and other Course Attributes: Analytical & Quant Thought

CS 1113 Computer Science I (Q)
Prerequisites: Minimum grade of "C" in MATH 1513 and CS 1013; or minimum grade of "C" in MATH 1813 or higher; or an acceptable math placement score (see placement.okstate.edu).
Description: Introduction to computer science using a block-structured high-level computer language, including subprograms, arrays, recursion, records, and abstract data types. Principles of problem solving, debugging, documentation, and good programming practice. Elementary methods of sorting and searching. Use of operating system commands and utilities. Previously offered as CS 2113 and CS 2123.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Computer Science
General Education and other Course Attributes: Analytical & Quant Thought

CS 2133 Computer Science II
Prerequisites: CS 1113 with a grade of "C" or better.
Description: Recursive algorithms. Intermediate methods of searching and sorting. Mathematical analysis of space and time complexity, worst case, and average case performance. Course previously offered as CS 3333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 2351 Unix Programming
Prerequisites: CS 1113 or EET 2303 with a grade of "C" or better.
Description: The UNIX programming system. The programming environment. The UNIX file system and the shell. Use of pipes and filters. Course previously offered as CS 3451.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Computer Science

CS 2433 C/C++ Programming
Prerequisites: CS 1113 with a grade of "C" or better.
Description: C/C++ programming language types, operators, expressions, control flow, functions, structures, pointers, arrays, UNIX interface. Basic object oriented programming using C++ and the related language syntax and functionality. Previously offered as CS 2432.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 2570 Special Problems in Computer Science
Prerequisites: Consent of instructor and freshman or sophomore standing.
Description: Current topics and applications of computer science. Existing and new topics to computer science. Allows lower-division students to study topics not provided in existing classes. Can be individual study or a class with a new subject. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Computer Science

CS 3030 Industrial Practice in Computer Science
Prerequisites: CS 3443 and MATH 2144, each with a grade of "C" or better, junior standing, consent of departmental adviser.
Description: Applied computing in industry. Topics vary with cooperating employers. Written reports will be specified by adviser. Basic object oriented programming using C++ and the related language syntax and functionality. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Computer Science

CS 3353 Data Structures and Algorithm Analysis I
Prerequisites: CS 2133, and CS 3653 or (MATH 3613 and MATH 4663), each with a grade of "C" or better.
Description: Storage, structures, data and information structures, list processing, trees and tree processing, graphs and graph processing, searching, and sorting. Previously offered as CS 4343 and CS 4344.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 3363 Organization of Programming Languages
Prerequisites: CS 2133 and (CS 3443 or ECEN 3213), each with a grade of "C" or better.
Description: Programming language constructs. Run time behavior of programs. Language definition structure. Control structures and data flow programming paradigms. Previously offered as CS 4363.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 3443 Computer Systems
Prerequisites: CS 2133 with a grade of "C" or better.
Description: Functional and register level description of computer systems, computer structures, addressing techniques, macros, linkage, input-output operations. Introduction to file processing operations and auxiliary storage devices. Programming assignments are implemented in assembly language.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 3513 Numerical Methods for Digital Computers
Prerequisites: MATH 2153 with a grade of "C" or better; MATH 3013 with a grade of "C" or better, or concurrent enrollment; or MATH 3263 with a grade of "C" or better and knowledge of programming.
Description: Errors, floating point numbers and operations, interpolation and approximation, solution of nonlinear equations and linear systems, condition and stability, acceleration methods, numerical differentiation and integration. Course previously offered as CS 3223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 3570 Special Problems in Computer Science
Prerequisites: Junior standing and consent of instructor.
Description: Existing and new topics to computer science. Allows lower-division students to study topics not provided in existing classes. Can be individual study or a class with a new subject. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Computer Science

CS 3613 Theoretical Foundations of Computing
Prerequisites: CS 2133 and CS 3653, each with a grade of "C" or better.
Description: Introduction to the classical theory of computer science. Sequential machines and their applications to devices, processes, and programming. Models of computation: finite-state automata, push-down automata, Turing machines. The role of non-determinism. Limits of digital computation. Computability and unsolvability. The Church-Turing Thesis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 3653 Discrete Mathematics for Computer Science
Prerequisites: MATH 2144 with a grade of "C" or better.
Description: Theory and applications of discrete mathematical models fundamental to analysis of problems in computer science. Set theory, formal logic and proof techniques, relations and functions, combinatorics and probability, undirected and directed graphs, Boolean algebra, switching logic.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4143 Computer Graphics
Prerequisites: MATH 2163 and CS 3353, each with a grade of "C" or better.
Description: Interactive graphics programming; graphics hardware; geometrical transformation; data structures for graphic representations; viewing in three dimensions; representation of 3D shapes; hidden edge and hidden surface removal algorithms; shading models. May not be used for degree credit with CS 5143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4153 Mobile Applications Development
Prerequisites: CS 2133 or 2433, each with a grade of "C" or better.
Description: The history of mobile apps and their implication on computing in general. Survey of the various platforms and approaches used for mobile apps. Examine the differences between "conventional" programs and mobile apps. Learn tools and techniques to develop mobile apps, and demonstrate proficiency through development assignments. Must have access to computer running Mac OS. May not be used for degree credit with CS 5153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4173 Video Game Development
Prerequisites: CS 2133, and CS 2433 and MATH 2144, all with a grade of "C" or better.
Description: History of video games. A survey of various game platforms. Computer graphics, audio tools and techniques, and artificial intelligence for game development. Game engines. Game development tools and techniques. An overview of the video game industry from a development perspective. May not be used for degree credit with CS 5163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4183 Video Game Design
Prerequisites: CS 2133 and CS 3653, each with a grade of "C" or better.
Description: Theory and pragmatics of game design including game mechanics, storytelling, and types of game play. The relationship between human/computer interaction and the user experience. A survey of game genres. An overview of the video game industry from a design perspective. May not be used for degree credit with CS 5183.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4243 Introduction to Computer Security
Prerequisites: CS 3443 or ECEN 3213, each with a grade of "C" or better.
Description: Introductory course to computer security. Covers a broad range of basic topics in security, including cryptography, computer security, and network security. May not be used for degree credit with CS 5243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4273 Software Engineering
Prerequisites: CS 3353 with a grade of "C" or better.
Description: Fundamental characteristics of the software life cycle. Tools, techniques, and management controls for development and maintenance of large software systems. Software metrics and models. Human factors and experimental design. Same course as ECEN 4273. May not be used for degree credit with CS 5473.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4283 Computer Networks
Prerequisites: CS 2133 with a grade of "C" or better; and CS 3443 or ECEN 3213 with a grade of "C" or better; UNIX knowledge.
Description: Computer networks, distributed systems and their systematic design. Introduction to the use, structure, and architecture of computer networks. Networking experiments to describe network topology. ISO reference model. Same course as ECEN 4283. May not be used for degree credit with CS 5383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4323 Design and Implementation of Operating Systems I
Prerequisites: CS 2133; and CS 3443 or ENSC 3213 or ECEN 3213; and CS 3653 and CS 4343 or CS 3353, all with a grade of "C" or better.
Description: Process activation and process context block. Batch, multi-programmed, and timeshared operating system. Process management, memory management, and synchronization primitives. Deadlock prevention, avoidance, and detection. May not be used for degree credit with CS 5223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4373 Agile Software Development
Description: This course includes a comprehensive overview of the principles and practices of Agile software development based on Agile community's recent recommendations. The emphasis is on quick realization of system value through disciplined, iterative, and incremental software development techniques and the elimination of wasteful practices.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4383 Network Security and Defense
Prerequisites: CS 2133 with a grade of "C" or better.
Description: Network Security and Defense exposes students to intrusion detection, network auditing, (forensic) evidence collection, security policy design/implementation for networks, and incidence response. Students explore the viewpoint of both the attacker and the defender (network administrator) using appropriate tools in laboratory exercises, May not be used for degree credit with CS 5583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4433 Introduction to Database Systems
Prerequisites: CS 2133 with a grade of "C" or better.
Description: An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, relational database design with normalization theorems, XML; basic file organization and storage management; elementary e-commerce web application development; database systems and the Internet. May not be used for degree credit with CS 5233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4483 Network Attack Security
Prerequisites: CS 3443, CS 4243, and CS 4283, each with a grade of "C" or better.
Description: This course will expand the practical knowledge of cyber attacks and their defense technologies as applied to an industrial setting. The course covers the functions and purposes of the key elements used to analyze, create, secure, and protect an industrial cyber infrastructure from cyber threats and attacks. May not be used for degree credit with CS 5483.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4513 Introduction to Numerical Analysis
Prerequisites: MATH 2233 and MATH 3013, each with a grade of "C" or better, knowledge of programming or consent of instructor.
Description: Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems of equations. Same course as MATH 4513. May not be used for degree credit with MATH 5513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4523 Cloud Computing and Distributed Systems
Prerequisites: CS 3443; and CS 4343 or CS 3353, each with a grade of "C" or better.
Description: Cloud computing and distributed systems architectures and models. Usage of Virtual Machines. Distributed computing frameworks. Using the cloud for big data analytics. Cloud deployment of data science algorithms. Cloud services. Security. May not be used for degree credit with CS 5123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4570 Special Topics in Computing
Prerequisites: Honors Program participation, junior standing.
Description: Advanced topics and applications of computer science. Typical topics include operating systems, multiprocessor systems, programming systems or various mathematical and statistical packages. Designed to allow students to study topics not provided in existing courses. Offered for variable credit, 1-3 credit hours, maximum of 5 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Computer Science

CS 4623 Introduction to Cyber Physical Systems
Prerequisites: CS 2133 with grade of "C" or better.
Description: Introduction to principles and technologies dealing with cyber physical systems and Internet of Things (IoT). Design of cyber physical frameworks and the process underlying creation of 3D VR based simulation models and Next Generation Internet frameworks to support the adoption of cyber physical methodologies. Information modeling and systems engineering based techniques to support the design of collaborative methodologies for CPS contexts from various domains including robotics and medicine. May not be used for degree credit with CS 5623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4743 Extended Reality
Prerequisites: CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.
Description: Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 5743.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4783 Machine Learning
Prerequisites: CS 4343 or CS 3353, and MATH 3013, each with a grade of "C" or better.
Description: A probabilistic, statistical approach to automated pattern discovery applied to large datasets. Constructing computational models with this information and assessing their behavior and reliability. Representing data and devising tools for discovering these models. Class focuses on the development and analysis of learning algorithms as well as the mathematical formulations underlying statistical processing. May not be used for degree credit with CS 5783.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4793 Artificial Intelligence I
Prerequisites: CS 3353 with a grade of "C" or better.
Description: Broad coverage of core artificial intelligence (AI) topics, including search-oriented problem solving, knowledge representation, logical inference, AI languages, history and philosophy of AI. May not be used for degree credit with CS 5723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4883 Social Issues in Computing
Prerequisites: Senior standing and a grade of "C" or better in ENGL 3323 or BCOM 3113 or BCOM 3223 or SPCH 3723.
Description: The history and evolution of computing systems, providing the background for the analysis of the social impact of computers. The social implications of computer use and or misuse with emphasis on the effects on the individual, society, and other human institutions. Social responsibilities of people involved in using or applying computers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4983 Senior Capstone Project
Prerequisites: CS 4273 with a grade of "C" or better.
Description: This course enables senior computer science majors to organize and apply the knowledge they have acquired from the undergraduate curriculum. Students are expected to work in teams to develop software solutions to real-world problems identified by an instructor. Teams are required to analyze the problem presented to them, design and implement a solution, and provide a report with performance analysis. Each team is also expected to present its work, including its ethical and social implications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Computer Science

CS 4993 Senior Honors Project
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors project under the direction of a faculty member, with a second faculty reader and an oral examination. Required for graduation with departmental honors in computing and information science.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Computer Science
General Education and other Course Attributes: Honors Credit

CS 5000 Master's Thesis
Prerequisites: Consent of major professor.
Description: Roles and responsibilities of the agricultural education teacher; types of program offerings; steps of the teaching-learning process; place of agricultural education in relation to other educational programs in school systems. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 5030 Professional Practice
Prerequisites: Graduate standing in computer science, consent of the department head.
Description: Experience in the application of computer science principles to problems encountered in industry and government. Participation in problem solving in the role of junior computer scientist, junior software engineer, or computer science intern. All problem solutions documented. Required written report to the major professor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 5033 Parallel Algorithms and Programming
Prerequisites: CS 4343 or CS 3353 with a grade of "C" or better, or consent of instructor.
Description: Models of parallel computation, design and analysis of parallel algorithms: fundamental parallel algorithms for selected sorting, arithmetic, and matrix, and graph problems, and applications in science and engineering, message-passing programming, and shared-memory programming.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5070 Seminar and Special Problems
Prerequisites: Consent of instructor.
Description: Designed to allow students to study advanced topics not provided in existing courses. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 5113 Computer Organization and Architecture
Prerequisites: CS 3443 with a grade of "C" or better.
Description: Computer architecture, computer control, microprogrammed control, addressing structures, memory hierarchies, hardware description languages, specific architectures, hardware simulation, and emulation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5123 Cloud Computing and Distributed Systems
Prerequisites: CS 3443; and CS 4343 or CS 3353, each with a grade of "C" or better.
Description: Cloud computing and distributed systems architectures and models. Usage of Virtual Machines. Distributed computing frameworks. Using the cloud for big data analytics. Cloud deployment of data science algorithms. Cloud services. Security. May not be used for degree credit with CS 4523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5143 Computer Graphics
Prerequisites: MATH 2163 and CS 3353, each with a grade of "C" or better.
Description: Interactive graphics programming; graphics hardware; geometrical transformation; data structures for graphic representations; viewing in three dimensions; representation of 3D shapes; hidden edge and hidden surface removal algorithms; shading models. May not be used for degree credit with CS 4143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5153 Mobile Applications Development
Prerequisites: CS 2133 or 2433, each with a grade of "C" or better.
Description: The history of mobile apps and their implication on computing in general. Survey of the various platforms and approaches used for mobile apps. Examine the differences between "conventional" programs and mobile apps. Learn tools and techniques to develop mobile apps, and demonstrate proficiency through development assignments. Must have access to computer running Mac OS. May not be used for degree credit with CS 4153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5163 Video Game Development
Prerequisites: CS 2133, and CS 2433 and MATH 2144, all with a grade of "C" or better.
Description: History of video games. A survey of various game platforms. Computer graphics, audio tools and techniques, and artificial intelligence for game development. Game engines. Game development tools and techniques. An overview of the video game industry from a development perspective. May not be used for degree credit with CS 4173.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5173 Video Game Production
Prerequisites: CS 4173 and CS 4183, each with a grade of "C" or better.
Description: The various aspects of video game production and the video game industry will be covered, including technical production and testing, roles and responsibilities of team members, project management, and legal concerns related to video game production. Professionals from the video game industry will be invited to make presentations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5183 Video Game Design
Prerequisites: CS 2133 and CS 3653, each with a grade of "C" or better.
Description: Theory and pragmatics of game design including game mechanics, storytelling, and types of game play. The relationship between human/computer interaction and the user experience. A survey of game genres. An overview of the video game industry from a design perspective. May not be used for degree credit with CS 4183.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5223 Design and Implementation of Operating Systems I
Prerequisites: CS 2133; and CS 3443 or ENSC 3213 or ENSC 3213; and CS 3653 and CS 4343 or CS 3353, all with a grade of "C" or better.
Description: Process activation and process context block. Batch, multi-programmed, and timeshared operating system. Process management, memory management, and synchronization primitives. Deadlock prevention, avoidance, and detection. May not be used for degree credit with CS 4323. For non-CS majors only.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5233 Intro to Database Systems
Prerequisites: CS 2133 with a grade of "C" or better.
Description: An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, relational database design with normalization theorems, XML; basic file organization and storage management; elementary e-commerce web application development; database systems and the Internet. May not be used for degree credit with CS 4433 or CS 5423. Previously offered as CS 4433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5243 Introduction to Computer Security
Prerequisites: CS 3443 with a grade of "C" or better.
Description: Introductory course to computer security. Covers a broad range of basic topics in security, including cryptography, computer security, and network security. May not be used for degree credit with CS 4243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5253 Digital Computer Design
Prerequisites: ECEN 4243 or graduate standing.
Description: Analysis and design of digital computers. Arithmetic algorithms and the design of the arithmetic/logic unit (ALU). Serial and parallel data processing; control and timing systems; microprogramming; memory organization alternatives; input/output interfaces. Same course as ECEN 5253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5263 Quantum Computing
Prerequisites: Graduate standing.
Description: The main theory of quantum information science and its applications to communications, computing and cryptography. Topics include introduction to quantum mechanics, quantum gates, circuits, entropy, cryptographic schemes, and implementations. Current technology in support of quantum processing will be reviewed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5273 Advanced Software Engineering
Prerequisites: CS 4273 with a grade of "C" or better.
Description: Continuation of CS 4273. Formal methods for software design and development. Static analysis. Emerging design and development approaches. Model checking and model-based software reuse. Component-based software engineering and software repositories. Same course as ECEN 5273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5283 Computer Network Programming
Prerequisites: CS 4283 with a grade of "C" or better.
Description: Detailed technical concepts related to Internet and multimedia, high speed LANS, high speed transport protocols, MPLS, multicasting, Int. serv/Diff serv, Router Buffer management, self-similar traffic, and socket programming.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5313 Formal Language Theory
Prerequisites: CS 3613 with a grade of "C" or better.
Description: Formal language theory applied to procedure oriented languages. Application of finite state algorithms to lexical analysis. Chomsky hierarchy of languages. Generation, recognition, and closure properties of languages.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5323 Design and Implementation of Operating Systems II
Prerequisites: CS 4323 with a grade of "C" or better.
Description: Task systems and concurrent programming, synchronization, and inter process communication. Theoretical investigation of resource sharing and deadlock, memory management, strategies, and scheduling algorithms, queuing theory, distributed operating systems. System accounting, user services and utilities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5363 Advanced Organization of Programming Languages
Prerequisites: CS 3363 with a grade of "C" or better.
Description: Continuation of CS 3363, mathematical theory of computer language organization functional programming. Parallelism in languages. Mathematics of control structures and data structures. Applicative languages. Symbolic languages.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5373 Advanced Object-Oriented Programming for Windowing Environments
Prerequisites: For CS students: CS 2133 and CS 2433, each with a grade of "C" or better. For TCOM students: CS 4343 or CS 3353 with a grade of "C" or better and a working knowledge of C++.
Description: Applying the object-oriented computing model to the design and development of software for windowing environments. Effective use of Graphical User Interfaces (GUIs), the Internet, data interchange principles and related topics. No credit for students with credit in CS 3373.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5383 Computer Networks
Prerequisites: CS 2133 with a grade of "C" or better; and CS 3443 or ECEN 3213 with a grade of "C" or better; UNIX knowledge.
Description: Computer networks, distributed systems and their systematic design. Introduction to the use, structure, and architecture of computer networks. Networking experiments to describe network topology. ISO reference model. May not be used for degree credit with CS/ECEN 4283.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5413 Data Structures and Algorithm Analysis II
Prerequisites: CS 4343 or CS 3353 with a grade of "C" or better.
Description: Data structures and their application in recursive and iterative algorithms. Static and dynamic data structure representations and processing algorithms. Dynamic and virtual storage management.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5423 Principles of Database Systems
Prerequisites: CS 4343 or CS 3353; and CS 4433 or equivalent; each with a grade of "C" or better.
Description: An overview of database management systems, entity-relationship model, relational model, structural query language, relational algebra, functional dependencies, relational database design with normalization theorems, query processing, fault recovery, concurrent control, web-based database systems. Introduction to NoSQL databases, querying NoSQL databases. May not be used for degree credit with CS 5233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5433 Big Data Management
Prerequisites: CS 3353.
Description: Introduction to storing, processing and analyzing big data. Topics to be covered include map-reduce model within the Hadoop framework, data summarization, query and analysis; data munging and transformation; streaming data; transferring structured data; setting up distributed services; fast data processing using Apache Spark, including querying, live data streaming, machine learning and parallel processing; writing data pipeline jobs; introduction to machine learning using R or Python.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5473 Software Engineering
Description: Fundamental characteristics of the software life cycle. Tools, techniques, and management controls for development and maintenance of large software systems. Software metrics and models. Human factors and experimental design. May not be used for degree credit with CS 4273 and ECEN 4273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5483 Network Attack Security
Prerequisites: CS 3443, CS 5243, and CS 5383.
Description: This course will expand the practical knowledge of cyber attacks and their defense technologies as applied to an industrial setting. The course covers the functions and purposes of the key elements used to analyze, create, secure, and protect an industrial cyber infrastructure from cyber threats and attacks. May not be used for degree credit with CS 4483.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5513 Numerical Computation
Prerequisites: MATH 3013 or equivalent courses with a grade of "C" or better and CS 3513 or an equivalent course with a grade of "C" or better and a knowledge of computer programming.
Description: This course covers advanced topics in numerical computation including matrix multiplication, norms, singular value decomposition, sensitivity of square systems, LU decomposition, pivoting, roundoff error in Gaussian elimination, orthogonalization, least squares, and Eigenvalue problems.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5583 Network Security and Defense
Prerequisites: CS 2133.
Description: Network Security and Defense exposes students to intrusion detection, network auditing, (forensic) evidence collection, security policy design/implementation for networks, and incidence response. Students explore the viewpoint of both the attacker and the defender (network administrator) using appropriate tools in laboratory exercises. May not be used for degree credit with CS 4383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5623 Introduction to Cyber Physical Systems
Prerequisites: CS 2133 with grade of "C" or better.
Description: Introduction to principles and technologies dealing with cyber physical systems and Internet of Things (IoT). Design of cyber physical frameworks and the process underlying creation of 3D VR based simulation models and Next Generation Internet frameworks to support the adoption of cyber physical methodologies. Information modeling and systems engineering based techniques to support the design of collaborative methodologies for CPS contexts from various domains including robotics and medicine. May not be used for degree credit with CS 4623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5653 Automata and Finite State Machines
Prerequisites: CS 5313 with a grade of "C" or better.
Description: Sequential machines and automata. Hierarchy of recognizers. Decision problems and closure properties. Finite and infinite state machines. Cellular and stochastic automata. Coverings of automata.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5663 Computability and Decidability
Prerequisites: CS 5313 with a grade of "C" or better.
Description: Primitive and partial recursive functions. Equivalence of models of computation. The Halting problem and undecidability. Reducing one problem to another or representation change. Tractability and the P-NP problem. Complexity hierarchies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5683 Big Data Analytics
Prerequisites: CS 5513 or instructor's permission.
Description: This course focuses on data science methods to analyze multiple types of massive datasets along with their applications on real world problems like web analysis and recommender systems. May not be used for degree credit with MSIS 5683.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5723 Artificial Intelligence I
Prerequisites: CS 3353 with a grade of "C" or better.
Description: Broad coverage of core artificial intelligence (AI) topics, including search-oriented problem solving, knowledge representation, logical inference, AI languages, history and philosophy of AI. May not be used for degree credit with CS 4793.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5733 Intelligent Robotics
Prerequisites: CS 3353 with minimum grade of "C".
Description: This course presents a graduate-level overview of robotics, with special emphasis on probabilistic representations, learning and social interaction. During the course, students will implement many of the concepts taught in the course on a real robot, a small and inexpensive indoor quadrotor drone. Students are required to purchase the drone for approximately $300.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5743 Extended Reality
Prerequisites: CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.
Description: Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 4743.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5753 Representation Learning
Prerequisites: CS 5783
Description: This course introduces the field of representation learning, a key aspect of machine learning that focuses on automatically extracting data features, rather than manually crafting them. The course covers several modern deep learning techniques, such as neural networks, auto-encoders, attention, domain-specific representation learning tasks, contrastive learning, and knowledge distillation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5763 Responsible AI Development and Deployment in Healthcare
Prerequisites: CS 5783, HCA 5013, HCA 5133
Description: This course provides a comprehensive exploration of the development, implementation, and management of AI systems in healthcare, with a special emphasis on ethical, regulatory, and human-centered considerations. The course will cover the technical foundations of AI/ML, explainable AI (XAI) models, and the challenges of data bias, security, and privacy specific to healthcare applications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5773 Computational Neuroscience
Prerequisites: CS 3353 with a grade of C or higher.
Description: Students will be introduced to the field of Computational Neuroscience. Throughout the course, we will explore mathematical and computational models that attempt to fit and predict the behavior of neurons and nervous systems at various levels of abstraction. A strong emphasis will be placed on the cross-disciplinary nature of this field of research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5783 Machine Learning
Prerequisites: CS 3353 or CS 4343, and MATH 3013, each with a grade of "C" or better.
Description: A probabilistic, statistical approach to automated pattern discovery applied to large datasets. Constructing computational models with this information and assessing their behavior and reliability. Representing data and devising tools for discovering these models. Class focuses on the development and analysis of learning algorithms as well as the mathematical formulations underlying statistical processing. May not be used for degree credit as CS 4783.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5793 Artificial Intell II
Prerequisites: CS 4793 with a grade of "C" or better.
Description: Advance knowledge representation and expert system building, including reasoning under uncertainty. Applications to planning, intelligent agents, natural language processing, robotics, and machine learning.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5813 Principles of Wireless Networks
Prerequisites: CS 4283 or ECEN 4283, with a grade of "C" or better.
Description: Wireless network operation, planning, mobility management, cellular and mobile data networks based on CDMA, TDMA, GSM, IEEE 802-11 WLANS, Adhoc networks, Bluetooth, power management, wireless geolocation and indoor positioning techniques. Same course as ECEN 5563.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5823 Network Algorithmics
Prerequisites: CS 4283 and CS 4323, with a grade of "C" or better.
Description: Discusses principles of efficient network implementation-router architecture, end node architecture, data copying, timer maintenance, demultiplexing, forwarding table, lookups, switching, scheduling, IP traceback.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 5913 Large Language Models and Reasoning
Prerequisites: CS 5783 with minimum grade of "C".
Description: This course explores the logical reasoning abilities of Large Language Models (LLMs) and methods to enhance them. Students will examine cutting-edge research on LLM reasoning capabilities, limitations, and improvements, while drawing on classic AI reasoning concepts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 6000 Doctoral Dissertation
Prerequisites: Graduate standing and approval of advisory committee.
Description: Graduate standing and approval of advisory committee. Independent research under the direction of a member of the graduate faculty. For students working toward a PhD degree. Offered for variable credit, 2-15 credit hours, maximum of 40 credit hours.
Credit hours: 2-15
Contact hours: Contact: 2-15 Other: 2-15
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6210 Advanced Topics in Parallel and Distributed Systems
Prerequisites: CS 5113 with a grade of "C" or better.
Description: The state-of-the-art of parallel and distributed systems. Design, implementation, and analysis of parallel and distributed system architectures, protocols, and algorithms. Resource management, scheduling, and coordination. Internet-scale systems, middleware and services, virtualization, and distributed operating systems. Parallel and distributed programming paradigms: message-passing, shared memory, data-intensive, high performance, high throughput. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6240 Advanced Topics in Computer Organization
Prerequisites: CS 5113 and CS 5253, each with a grade of "C" or better.
Description: Structure and organization of advanced computer systems, parallel and pipeline computers, methods of computation, alignment networks, conflict-free memories, and bounds on computation time. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6253 Advanced Topics in Computer Architecture
Prerequisites: CS 5253 or ECEN 5253, with a grade of "C" or better.
Description: Innovations in the architecture and organization of computers, with an emphasis on parallelism. Topics may include pipelining, multiprocessors, data flow, and reduction machines. Same course as ECEN 6253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 6300 Advanced Topics in Programming Languages
Prerequisites: CS 5313 with a grade of "C" or better.
Description: Interpreter models of programming language semantics, Vienna definition language, lambda calculus, LISP definition; Knuth semantic systems and their formulation, translational and denotational semantics. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6350 Advanced Topics in Operating Systems
Prerequisites: CS 5323 with a grade of "C" or better.
Description: Design and analysis of operating systems. Concurrent processes, server scheduling, models of auxiliary storage, memory management, virtual systems, and performance algorithms. May be repeated with a change in topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6400 Advanced Topics in Information Systems
Prerequisites: CS 5413 and CS 5423, each with a grade of "C" or better.
Description: Principles of distributed database systems. Overview of relational database management systems (DBMS) and computer networks, distributed DBMS architecture, distributed database design, distributed concurrency control, query processing and distributed DBMS reliability. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6500 Advanced Topics in Numerical Analysis
Prerequisites: MATH 5513 or CS 4513 with a grade of "C" or better, or MATH 4513 with a grade of "C" or better and consent of instructor.
Description: Systems of nonlinear equations, nonlinear least squares problems, iterative methods for large systems of linear equations, finite element methods, solution of partial differential equations. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6600 Advanced Topics in Analysis of Algorithms
Prerequisites: CS 5413 with a group of "C" or better.
Description: Analysis of various algorithms. Sorting, searching, computational complexity, lower bounds for algorithms; NP-hard and NP-complete problems; parallel algorithms; proof of correctness of algorithms. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6620 Advanced Topics in Applied Algorithms
Prerequisites: CS 4343 or CS 3353 with a grade of "C" or better, or consent of instructor.
Description: Recent advances in the design and analysis of data structures and algorithms for real-world applications in diverse problem domains. Problem domain designated for the course will differ in each offering and with instructor's interests. Core topics include mathematical modeling of complex applied problems, and studies of relevant fundamental algorithmic techniques and their experimental analysis on real datasets. Offered for 3 fixed credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

CS 6623 Algebraic Structures of Formal Grammars
Prerequisites: CS 5313 and CS 5653; all with a grade of "C" or better.
Description: Context-free languages, Kleene languages, Dyck languages, context-sensitive languages; use of algebraic systems to define languages; linear bounded automata.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6700 Advanced Topics in Artificial Intelligence
Prerequisites: CS 5793 with a grade of "C" or better, or consent of instructor.
Description: Machine learning; computer perception and robotics; logic programming; natural language understanding; intelligent agents; medical informatics. May be repeated with change of topics. Offered for variable credit, 2-6 credit hours, maximum of 12 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Computer Science

CS 6800 Advanced Topics in Computing Networks
Prerequisites: CS 5283 with a grade of "C" or better; Graduate standing in Computer Science; consent of instructor.
Description: Large scale embedded networks, deep-space networking, ubiquitous computing, optical networking, Next Generation Internet. May be repeated with change of topics. Offered for variable credit, 2-12 credit hours, maximum of 12 credit hours.
Credit hours: 2-12
Contact hours: Lecture: 2-12 Contact: 2-12
Levels: Graduate
Schedule types: Lecture
Department/School: Computer Science

Undergraduate Programs

- Applied Computer Programming, BS (p. 1241)
- Computer Science, BS (p. 1245)

1) Program Educational Objectives

The graduates of the Bachelor of Science program in Department of Computer Science will:

- Design and implement computing solutions for practical problems posed by employers in industry, government and the nonprofit sector.
- Exhibit effective communication skills and teamwork.
- Achieve leadership roles and maintain high standards of professional ethics.
- Pursue graduate studies or employment in industries in computer science and other fields.

2) Student Outcomes

The student outcomes for the BS degree program listed below help in achieving the Program Educational Objectives.

- Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Apply computer science theory and software development fundamentals to produce computing-based solutions.

Graduate Programs

MS and PhD Programs

The department offers degree programs in the Master of Science degree and the Doctor of Philosophy degree. These programs are designed to prepare an individual to pursue a career in either an academic or an industrial setting. In addition to taking a prescribed set of core courses, a student must take sufficient courses in one specialized area. A student must complete a dissertation for a PhD degree. The MS degree program provides a thesis option and a non-thesis option. The non-thesis option requires a student to complete a report.

The core course requirement assures the student's of breadth of knowledge in computer science. The freedom to choose an area and additional research provides the student enough depth in some facets of computer science to carry out independent investigations in those areas, and to put concepts and ideas learned to practical use.

For a master's degree in the thesis option, 30 hours of graduate credit, including six credit hours of thesis work, are required. A master's degree student in thesis option is required to pass an oral examination over the thesis. For a master's degree in the non-thesis option, 33 hours of graduate credit are required.

For the PhD, 60 credit hours beyond a master's degree or 90 credit hours beyond a bachelor's degree are required. A dissertation of 15 to 40 hours (counting towards the maximum) is required. The PhD dissertation must describe original research. PhD students must pass a diagnostic examination, a comprehensive examination, a qualifying examination, and a final oral examination.

The candidate's baccalaureate degree need not be in computer science in order to enter the MS program. Students with degrees in other areas

may be admitted provisionally and required to take specified prerequisite courses.

More information is available at https://cas.okstate.edu/computer_science/graduate.

Minors

- Applied Computer Programming (APCP), Minor (p. 1240)
- Computer Science (CS), Minor (p. 1244)

Certificates

- Cybersecurity, UCRT (p. 1248)

Faculty

Roger Mailler, PhD—Professor and Head
Professors: K.M. George, PhD; Johnson Thomas, PhD
Associate Professors: Christopher Crick, PhD; H.K. Dai, PhD; Nohpill Park, PhD
Assistant Professors: Hrishikesh Bhattacharya, PhD; Sharmin Jahan, PhD; Anirudh Paranjothi, PhD; Cong Pu, PhD; Atriya Sen, PhD; Rittika Shamsuddin, PhD; Minsoo Choi, PhD
Teaching Associate Professors: Sachin Jain, PhD; Shital Joshi, PhD
Teaching Assistant Professors: Sadiq Al Buhamood, PhD; Bjorn Larson, PhD; Asaad Althoubi, PhD

Applied Computer Programming (APCP), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA: Minimum grade of "C" and 2.0 GPA.
Total Hours: 19

Code	Title	Hours
Required Courses		
CS 1113	Computer Science I (Q) [1]	3
CS 1121	Course CS 1121 Not Found (Computer Science I Lab)	1
MATH 1513	College Algebra (Q) (or higher) [1]	3
Select six hours from CS courses (except CS 1003 and CS 4883).		6
Select six hours from the following:		6
CS courses, except CS 1003 and CS 4883		
ENGR 1412	Introductory Engineering Computer Programming	
MSIS 2103	Business Data Science Technologies	
MSIS 2203	Computer Programming for Business	
MSIS 3103	End User Database Systems Design and Management	
MSIS 3163	Web Design Essentials	
MSIS 3203	Advanced Computer Programming for Business	
MSIS 3333	Database Systems Development	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	
MSIS 4713	Scripting Essentials	
Total Hours		**19**

[1] College Algebra is a prerequisite to CS 1113.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Applied Computer Programming, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 121

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q)	4
CS 1113	Computer Science I (Q)	3
CS 1121	Course CS 1121 Not Found (Computer Science I Lab)	1
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 1103	Computer Programming (Q)	3
MATH 1813	Preparation for Calculus (Q)	3
or PHIL 1313	Logic and Critical Thinking (Q)	
STAT 4013	Statistical Methods I (Q)	3
or STAT 2013	Elementary Statistics (Q)	
Foreign Languages		
See note 3		
0-6 hours		
Upper Division General Education		
Select 6 hours outside major department (see note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.50 with a minimum grade of "C" in each course and all MATH and CS courses		
CS 2133	Computer Science II	3
CS 2433	C/C++ Programming	3
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3363	Organization of Programming Languages	3
CS 3443	Computer Systems	3
CS 2653	Course CS 2653 Not Found (Discrete Mathematics I)	3
or CS 3653	Discrete Mathematics for Computer Science	
CS 4153	Mobile Applications Development	3
CS 4243	Introduction to Computer Security	3
CS 4433	Introduction to Database Systems	3
or MSIS 3333	Database Systems Development	
CS 4273	Software Engineering	3
CS 4983	Senior Capstone Project	3
CS 4883	Social Issues in Computing	3
or PHIL 3783	Ethics of Artificial Intelligence (H)	
CS electives		
Select 9 hours CS electives (upper-division courses)		9
Select 9 hours in the following areas:		9
Computer Science (upper-division courses)		
Engineering (upper-division courses)		
Geography (GEOG 3333, GEOG 4303, GEOG 4323, GEOG 4333, GEOG 4343, GEOG 4353, GEOG 4383)		
Management Science and Information Systems (upper-division courses and MSIS 2203, and excluding MSIS 3103)		
Mathematics (upper-division courses and MATH 2153 and MATH 2163 and MATH 2233, and excluding MATH 3303 and MATH 3403 and MATH 3603)		
Natural Sciences (upper-division courses with natural science designation or upper-division courses in BIOC, BIOL, CHEM, GEOL, MICR, PBIO, PHYS)		
Statistics (upper-division courses)		
Hours Subtotal		**54**
Electives		
Select 12 hours of electives		12
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		

May need to include CS 1013 and MATH 1513 if student does not place into MATH 1813.

Hours Subtotal	**12**
Total Hours	**120**

CS Electives

Code	Title	Hours
CS 3030	Industrial Practice in Computer Science	1-6
CS 3570	Special Problems in Computer Science	1-6
CS 4143	Computer Graphics	3
CS 4173	Video Game Development	3
CS 4183	Video Game Design	3
CS 4283	Computer Networks	3
CS 4373	Agile Software Development	3
CS 4383	Network Security and Defense	3
CS 4483	Network Attack Security	3
CS 4513	Introduction to Numerical Analysis	3
CS 4523	Cloud Computing and Distributed Systems	3
CS 4570	Special Topics in Computing	1-3
CS 4623	Introduction to Cyber Physical Systems	3
CS 4743	Extended Reality	3
CS 4783	Machine Learning	3
CS 4793	Artificial Intelligence I	3
CS 4993	Senior Honors Project	3

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1813 or PHIL 1313	Preparation for Calculus (Q) or Logic and Critical Thinking (Q)	3
CS 1103	Computer Programming (Q)	3
CS 1113	Computer Science I (Q)	3
General Education courses		6
	Hours	**15**
Spring		
MATH 2144	Calculus I (Q)	4
CS 2133	Computer Science II	3
General Education courses		8
	Hours	**15**
Sophomore		
Fall		
CS 3653	Discrete Mathematics for Computer Science	3
CS 2433	C/C++ Programming	3
Upper-division related		3
General Education courses		6
	Hours	**15**
Spring		
CS 3443	Computer Systems	3
CS 4153	Mobile Applications Development	3
Major, College, and Elective courses		6
Upper-division elective		3
	Hours	**15**
Junior		
Fall		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 4243	Introduction to Computer Security	3
CS 4273	Software Engineering	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
STAT 4013	Statistical Methods I (Q)	3
CS 4433	Introduction to Database Systems	3
BCOM 3113 or BCOM 3223 or ENGL 3323	Written Communication or Oral Communication or Technical Writing	3
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
CS Elective		3
CS 3363	Organization of Programming Languages	3
CS 4273	Software Engineering	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
Upper-division related		3
Major, College, and Elective courses		6
	Hours	**15**
	Total Hours	**120**

Computer Science (CS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 22

Code	Title	Hours
Minor Requirements		
CS 1113	Computer Science I (Q)	3
CS 1121	Course CS 1121 Not Found (Computer Science I Lab)	1
CS 2133	Computer Science II	3
CS 3443	Computer Systems	3
or ECEN 3213	Computer Based Systems in Engineering	
Select 12 hours from CS 2433 or CS 3000-level or CS 4000-level courses.		12
Total Hours		**22**

Other Requirements

- One course must be 4000 level.
- No more than two courses can be transferred from another college or university.
- No grade below a "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Computer Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 121

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
CS 1113	Computer Science I (Q)	3
CS 1121	Course CS 1121 Not Found (Computer Science I Lab)	1
MATH 2144	Calculus I (Q)	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 2133	Computer Science II	3
MATH 2153	Calculus II (Q)	3
STAT 4033	Engineering Statistics	3
or MATH 2163	Calculus III	
or CS 3513	Numerical Methods for Digital Computers	
or MATH 4513	Introduction to Numerical Analysis	
Foreign Languages		
See note 3		
0-6 hours		
Upper Division General Education		
Select 6 hours outside major department (see note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.50 with a minimum grade of “C” in each course and all MATH and CS courses		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3363	Organization of Programming Languages	3
CS 3443	Computer Systems	3
CS 3613	Theoretical Foundations of Computing	3
CS 2653	Course CS 2653 Not Found (Discrete Mathematics I)	3
or CS 3653	Discrete Mathematics for Computer Science	
CS 4243	Introduction to Computer Security	3
CS 4273	Software Engineering	3
CS 4283	Computer Networks	3
CS 4323	Design and Implementation of Operating Systems I	3
CS 4433	Introduction to Database Systems	3
or MSIS 3333	Database Systems Development	
CS 4883	Social Issues in Computing	3
or PHIL 3783	Ethics of Artificial Intelligence (H)	
CS 4523	Cloud Computing and Distributed Systems	3
CS 4983	Senior Capstone Project	3
MATH 3013	Linear Algebra (Q)	3
CS electives		
Select 9 hours CS electives (upper-division courses and CS 2433 and excluding CS 4113)		9
Select 6 hours in the following areas:		6
Computer Science (upper-division courses and CS 2433 and excluding CS 4113)		
Engineering (upper-division courses)		
Geography (GEOG 3333, GEOG 4303, GEOG 4323, GEOG 4333, GEOG 4343, GEOG 4353, GEOG 4383)		
Management Science and Information Systems (upper-division courses and excluding MSIS 3103 and MSIS 3163)		
Mathematics (upper-division courses and MATH 2233 and excluding MATH 3303, MATH 3403, and MATH 3603)		
Natural Sciences (upper-division courses with natural science designation or upper-division courses in BIOC, BIOL, CHEM, GEOL, MICR, PBIO, PHYS)		
Statistics (upper-division courses)		
Hours Subtotal		**57**
Electives		

Select 9 hours of electives	9
May need to include 6 hours of a foreign language. See note 3	
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
May need to include MATH 1513, MATH 1813 and/or CS 1013 if student does not place into MATH 2144.	
Hours Subtotal	**9**
Total Hours	**120**

CS Electives

Code	Title	Hours
CS 2433	C/C++ Programming	3
CS 3030	Industrial Practice in Computer Science	1-6
CS 3570	Special Problems in Computer Science	1-6
CS 4143	Computer Graphics	3
CS 4153	Mobile Applications Development	3
CS 4173	Video Game Development	3
CS 4183	Video Game Design	3
CS 4373	Agile Software Development	3
CS 4383	Network Security and Defense	3
CS 4433	Introduction to Database Systems	3
CS 4483	Network Attack Security	3
CS 4513	Introduction to Numerical Analysis	3
CS 4523	Cloud Computing and Distributed Systems	3
CS 4570	Special Topics in Computing	1-3
CS 4623	Introduction to Cyber Physical Systems	3
CS 4743	Extended Reality	3
CS 4783	Machine Learning	3
CS 4793	Artificial Intelligence I	3
CS 4993	Senior Honors Project	3

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 2144	Calculus I (Q)	4
CS 1113	Computer Science I (Q)	3
General Education courses		8
	Hours	**15**
Spring		
MATH 2153	Calculus II (Q)	3
CS 2133	Computer Science II	3
General Education courses		9
	Hours	**15**
Sophomore		
Fall		
CS 2433	C/C++ Programming	3
CS 3653	Discrete Mathematics for Computer Science	3
MATH 3013	Linear Algebra (Q)	3
General Education courses		6
	Hours	**15**
Spring		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 3443	Computer Systems	3
MATH 2163 or STAT 4033 or CS 3513	Calculus III or Engineering Statistics or Numerical Methods for Digital Computers	3
Major, College, and Elective courses		6
	Hours	**15**
Junior		
Fall		
CS 4243	Introduction to Computer Security	3
CS 4433 or MSIS 3333	Introduction to Database Systems or Database Systems Development	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
CS 3613	Theoretical Foundations of Computing	3
CS 4283	Computer Networks	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
CS 3363	Organization of Programming Languages	3
CS 4273	Software Engineering	3
CS 4523	Cloud Computing and Distributed Systems	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
CS 4323	Design and Implementation of Operating Systems I	3
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
3 hours Upper-Division CS Elective		3
Major, College, and Elective courses		3
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with Global Cultural Competency (G) and Diversity (D) dimensions.

Cybersecurity, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total hours: 25

Code	Title	Hours
Required Courses		
MATH 1513	College Algebra (Q)	3
CS 1113	Computer Science I (Q)	3
CS 1121	Course CS 1121 Not Found (Computer Science 1 Lab)	1
CS 2133	Computer Science II	3
CS 3443	Computer Systems	3
CS 4243	Introduction to Computer Security	3
CS 4283	Computer Networks	3
CS 4383	Network Security and Defense (Network Security and Defense)	3
CS 4483	Network Attack Security (Network Attack Security)	3
Total Hours		**25**

Additional Requirements

- Minimum GPA of 2.50 with no grade below "C"
- Minimum 12 hours from OSU

Departments of Military Studies

In agreement with the U.S. Air Force and the U.S. Army, OSU recognizes separate departments of Aerospace Studies and of Military Science as integral academic and administrative departments of the University. These two departments are administered within the framework of the College of Arts and Sciences. The two departments provide instruction under the basic and advanced Reserve Officers' Training Corps (ROTC) programs.

Scholarships

The Army and Air Force ROTC programs offer a wide variety of four-, three- and two-year merit-based scholarship opportunities to qualified students interested in pursuing a commission in the Army or Air Force. ROTC scholarships provide payment for tuition, mandatory fees, books and a monthly subsistence allowance for the duration of the scholarship period. An additional university-based incentive scholarship of $1,000.00 per semester is allocated to 10 ROTC scholarship recipients annually. Four-year National ROTC scholarships are offered annually to high school seniors, who will be entering college in the fall semester. Scholarship applications may be obtained through local high schools, online or by contacting the University's ROTC department. In addition, the Army ROTC Program offers four- and three-year Guaranteed Reserve Force Duty Scholarships annually to students interested in pursuing a commission as an officer in the Army National Guard or United States Army Reserve.

Flexibility

ROTC at OSU offers a variety of programs, giving the student considerable flexibility in charting a path to commissioning in the Army or the Air Force. Programs are designed so those individuals in all OSU colleges, departments and majors can tailor their academic/ROTC curriculum in order to attain commissioned status. Opportunities also exist in both Army and Air Force ROTC for the student to "test the water" early in his or her academic program by participating in basic familiarization courses. Those interested in learning more about ROTC at OSU, or in enrolling, are urged to contact the professor of aerospace studies or professor of military science in Thatcher Hall on campus.

Courses

MLSC 1113 Foundations of Officership
Description: Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 1213 Basic Leadership
Description: Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 2122 Leader's Training Course
Prerequisites: Must meet with Department head and have their approval.
Description: For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Military Science

MLSC 2130 Military Physical Conditioning
Prerequisites: Must meet with department head and have their approval.
Description: Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Military Science

MLSC 2233 Individual Leadership Studies
Description: Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 2313 Leadership and Teamwork
Prerequisites: MLSC 2233.
Description: Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 3113 Leadership and Problem Solving
Prerequisites: Completion of lower-division MLSC or equivalent, and approval of professor of military science.
Description: Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 3223 Leadership and Ethics
Prerequisites: MLSC 3113.
Description: Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 4014 Leader Development and Assessment Course
Prerequisites: Must meet with Department Head and have their approval.
Description: A five-week camp conducted at an Army post. Individual leadership and basic skills performance.
Credit hours: 4
Contact hours: Lab: 8 Contact: 8
Levels: Undergraduate
Schedule types: Lab
Department/School: Military Science

MLSC 4123 Leadership and Management
Prerequisites: MLSC 3113 and MLSC 3223.
Description: Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 4223 Officership
Prerequisites: MLSC 3113 and MLSC 3223.
Description: Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 4422 The Tactical Planning Process
Prerequisites: Must meet with department head and have their approval.
Description: The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Military Science

Faculty

LTC Robert "Bo" Reynolds—Coordinator

Economics

See "Economics (p. 2809)" in the "Spears School of Business" section for additional information.

Economics is a science of human choice. The study of economics centers on what motivates us to act and, more importantly, the consequences to ourselves and to others of our actions. It provides a comprehensive view of how a society is organized to transform its limited resources into want-satisfying goods and services. It investigates the principles underlying the operation of the economic system and seeks to determine its weaknesses and to prescribe policies that will improve its operation. In the process, economic principles are used to address a host of the most important problems confronting contemporary society—the causes of and remedies for depression and inflation, the determinants of and methods for improving income distribution, poverty problems and welfare measures, the role of the government in economic activity, the requisites for economic growth and development, pollution and congestion and their control.

The primary objectives sought in the undergraduate curriculum are to develop a broad understanding and perspective of the economic aspects of people's activities, coupled with thorough training in the fundamental tools of economic analyses. Toward these ends is the development of elementary mathematical and statistical skills and complementary study in the social and behavioral sciences.

A major in economics prepares students for positions with business firms, non-profit private organizations and government agencies—both national and international. It provides an excellent background for the study of law. An international economic relations option is also offered. A degree option in business economics and quantitative studies is offered through the Spears School of Business to provide additional training in analytical methods and communication skills for both public and private sector occupations. A student interested in pursuing graduate studies in Economics should include a wide range of math courses in their undergraduate curriculum.

Courses

ECON 1113 The Economics of Social Issues (S)
Description: Issues-oriented approach. Basic economic principles introduced and developed through study of important social issues: for example, inflation, unemployment, poverty, discrimination, crime, population growth and environmental quality. Develops the economist's approach to social problems, and evaluates the contribution of economics to their solution. No general education credit for students also taking AGEC 1113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics
General Education and other Course Attributes: Society & Human Behavior

ECON 2003 Microeconomic Principles for Business
Description: Goals, incentives and outcomes of economic behavior with applications and illustrations relevant to business: operation of markets for goods, services and factors of production; the behavior of firms and industries for different types of competition; and international exchange. May not be used for degree credit with ECON 2103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 2103 Introduction to Microeconomics (S)
Description: Goals, incentives and outcomes of economic behavior with applications and illustrations from current social issues: operation of markets for goods, services and factors of production; the behavior of firms and industries in different types of competition; income distribution; and international exchange. May not be used for degree credit with ECON 2003. No general education credit for students also taking AGEC 1113. Previously offered as ECON 2023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics
General Education and other Course Attributes: Society & Human Behavior

ECON 2203 Introduction to Macroeconomics
Prerequisites: ECON 2103 or ECON 1113 or AGEC 1113 or ECON 2003.
Description: The functioning and current problems of the aggregate economy: determination and analysis of national income, employment, inflation and stabilization; monetary and fiscal policy; and aspects of international interdependence. Previously offered as ECON 2013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3010 Special Topics in Economics
Prerequisites: ECON 2203, prior approval of instructor.
Description: Analysis of a contemporary topic in economics. Course content will vary to reflect changing social issues and trends in applied economics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Economics

ECON 3023 Managerial Economics
Prerequisites: ECON 2103 or AGEC 1113 or ECON 2003.
Description: Application of economic theory and methodology to decision problems of private industry, nonprofit institutions and government agencies; demand and cost analysis, forecasting, pricing and investment.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3033 Economics of Entrepreneurship and Innovation
Prerequisites: 3 credit hours in Economics.
Description: Explores the process of economic innovation and entrepreneurship from both microeconomic and macroeconomic perspectives. Key topics include risk and uncertainty, the psychology of innovation, institutional change, product versus process innovation, the externality of innovation, innovation profit, innovation life cycle, innovation diffusion, and business cycle instability.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3043 Real Estate Economics
Prerequisites: ECON 2003 or ECON 2103.
Description: Theoretical and empirical development of an understanding of economic factors that shape and influence markets for real property. Topics include theory of land markets and locational choice, studies of changing economic activities, demographic trends, transportation, and local government behavior as they affect real estate.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3113 Intermediate Microeconomics
Prerequisites: ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2123 or MATH 2144.
Description: How the market organizes economic activity and an evaluation of its performance. Principles of price theory developed and applied to the interactions of consumers, producers and resource owners in markets characterized by different degrees of competition.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3123 Intermediate Macroeconomics
Prerequisites: ECON 2203 and either MATH 2103 or MATH 2144.
Description: Development of a theoretical framework for studying the determinants of national income, employment and general price level. National income accounting, consumption, investment, government spending and taxation, the supply of and demand for money. Monetary, fiscal and incomes policies considered with regard to unemployment, inflation and economic growth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3213 Game Theory and Experimental Economics
Prerequisites: ECON 2003 and either MATH 2103 or MATH 2123 or MATH 2144.
Description: The fundamentals of strategic actions presented in a game theory context and the validation of these ideas with economic experiments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3313 Money and Banking
Prerequisites: ECON 2203.
Description: The economics of money and banking. Operations of commercial banks and structure and competition of the banking industry. Organization and operation of the Federal Reserve System and its effects on interest rates, employment and prices. An introduction to monetary economics and international banking concludes the course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3423 Public Finance
Prerequisites: ECON 2003 or ECON 2203.
Description: The economics of the government sector. Scope of government activity, efficiency in government expenditures, federal budget, fiscal and debt management policy. Principles of taxation. Major tax sources, tax distribution, tax issues. Current public finance problems such as revenue sharing, negative income tax, urban transport systems and national health insurance.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3513 Labor Economics
Prerequisites: ECON 2003.
Description: The economic analysis of labor markets. Topics include labor supply and demand, the impact of education and training, labor migration, the structure of wages, discrimination and labor unions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3613 International Economic Relations (GS)
Prerequisites: ECON 2003 or ECON 2203.
Description: International trade and finance; international economic organizations; the foreign economic policy of the U.S.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics
General Education and other Course Attributes: International Dimension, Society & Human Behavior

ECON 3703 Mathematics for Business and Economics
Prerequisites: (MATH 1483 or MATH 1513) and (ECON 2003 or ECON 2103).
Description: Essential mathematical concepts for business and economic analysis, with particular emphasis on algebra, calculus, and optimization techniques used in economic decision-making. Topics include applications of basic algebra, differential and integral calculus, and optimization theory to solve problems in business and economics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics&Legal Studie

ECON 3713 Introduction to Industrial Organization
Prerequisites: ECON 2003 and either MATH 2103 or MATH 2123 or MATH 2144.
Description: A branch of Microeconomics specializing in questions related to imperfect competition, effect of market structure on behavior of firms, monopoly power, anti-competitive practices and anti-trust issues. An introduction on strategic competition between firms, how this is related to market structure and market power.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3723 The Economics of Sport
Prerequisites: ECON 2103 or ECON 2003.
Description: Using economic analysis to understand the world of professional and amateur sport. Emphasis will be on economic decision-making relevant to the teams, leagues and institutions in the world of sport.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 3823 American Economy: The Past and Present (S)
Description: Economic development and economic forces in American history; emphasis upon industrialization and its impact upon our economic society since the Civil War.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics
General Education and other Course Attributes: Society & Human Behavior

ECON 3903 Economics of the Environment
Prerequisites: ECON 2103 or ECON 2003.
Description: Economic and political factors that influence the formation and implementation of environmental policy. Environmental policy instruments such as pollution taxes, standards and marketable pollution permits are discussed. Measurement of environmental damages and risk are also considered.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4043 Real Estate and Capital Markets
Prerequisites: ECON 2003 or ECON 2203.
Description: Understanding of how debt and equity secondary markets linked to real estate assets. Topics include the impact of institutional forces on the real estate sector, development of a framework of institutional real estate private and public equity and capital markets including the concept of market efficiency, modern portfolio theory applications, and market measures of risk and return under current and future circumstances with a particular focus on market activity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4113 Energy Economics: Traditional and Renewable Energy Markets
Prerequisites: ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2144.
Description: This course examines economic theory, empirical perspectives, and the political economy of energy supply and demand. It discusses aspects of local, national and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy. In the course, we will examine public policies affecting energy markets including taxes, price regulation, energy efficiency, and control of emissions. Same course as ECON 5733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4213 Econometric Methods
Prerequisites: ECON 2003 or ECON 2203. STAT 2013 or STAT 2023 or STAT 2053.
Description: Basic quantitative methods used in economic analysis emphasizing applications to economic problems and interpretation of empirical results. Statistical analyses, regression and forecasting techniques using computer programs.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4223 Business and Economic Forecasting
Prerequisites: ECON 2003 or ECON 2203. STAT 2013 or STAT 2023 or STAT 2053.
Description: Forecasting business and economic variables. Regression models and time series models such as exponential smoothing models, seasonal models, and Box-Jenkins models. Evaluation of methods and forecasting accuracy. Application of methods using computer programs.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4233 Econometric Applications
Prerequisites: ECON 2203 and 3 hours of statistics.
Description: Econometric applications and data analysis used to conduct economic research and policy analysis. Econometric methods include the basics of linear regression, hypothesis testing, panel data, differences-in-differences, instrumental variables, and quantile regression. The emphasis is on the development of intuition and application rather than econometric theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4643 International Economic Development (GS)
Prerequisites: ECON 2003.
Description: Problems of underdeveloped economics related to the world economy; obstacles to economic growth and policies for promoting growth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics
General Education and other Course Attributes: International Dimension, Society & Human Behavior

ECON 4850 Applied Studies in Economics
Prerequisites: 12 credit hours in economics and consent of instructor.
Description: Structured internship or field project with supporting academic study. Offered for variable credit,1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Economics
Additional Fees: Domestic Travel Course Tuition fee of $185 and Study Away fee of $100 apply.

ECON 4913 Urban and Regional Economics
Prerequisites: ECON 2003 or ECON 2203.
Description: Theoretical, historical, and empirical examination of the economic forces that shape growth, development, land use, and location decisions in towns, cities and regions. Presents economic explanation for several urban problems such as sprawl, segregation, crime, pollution, traffic congestion, and inadequate housing and education. The role of state and local governments in addressing these problems is discussed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4933 Applied Economics
Prerequisites: ECON 3113 and ECON 3123 and 6 additional hours of upper-division economics.
Description: Essential skills in applied economics, including data collection, economics analysis, and presentation of findings. Specific applications may come from international trade and finance, econometrics, energy economics, public finance, labor economics, economic history, regional economics, and development, etc.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Economics

ECON 4993 Economics Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in economics.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Economics
General Education and other Course Attributes: Honors Credit

ECON 5000 Research and Thesis
Description: Workshop for the exploration and development of research topics. Research leading to the master's thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Economics

ECON 5003 Research Report
Prerequisites: Consent of committee chairperson.
Description: Supervised research for MS report.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Economics

ECON 5010 Research and Independent Studies
Prerequisites: Consent of departmental committee under a workshop arrangement or supervised independent studies.
Description: Offered for variable credit, 1-6 credit hours, maximum of 10 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Economics

ECON 5033 Macroeconomic Analysis
Prerequisites: Three hours of economics or consent of instructor.
Description: This course is a study of the determinants of aggregate output, employment, price level, and interest rates over the business cycle, including international aspects. The course examines the use of monetary and fiscal policies in both closed and open economies, including under differing exchange rate regimes. Students also are introduced to basic theories of long-run economics growth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics
Additional Fees: Business Graduate Program fee of $6 per credit hour applies.

ECON 5043 Microeconomic Analysis
Prerequisites: ECON 3113 and MATH 2144 or consent of instructor.
Description: A calculus-based microeconomics course developing basic consumer, producer, and equilibrium models.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 5113 Managerial Economics
Prerequisites: Admission to a SSB graduate program or consent of MBA director.
Description: Economic theory applied to business decision-making. Concepts of microeconomics and macroeconomics related to understanding the economic system, analysis of policy, forecasting, and international economics. No credit for PhD students in economics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics
Additional Fees: Business Graduate Program fee of $6 per credit hour applies.

ECON 5173 Energy Economics
Prerequisites: ECON 5113 or ECON 2103 or equivalent.
Description: Develop tools necessary to examine energy markets from an economics perspective and discuss aspects of local, national and global markets for oil, natural gas, coal, electricity, and renewable energy. The course examines public policies affecting energy markets including taxes, regulation, energy efficiency and control of emissions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics
Additional Fees: Business Graduate Program fee of $6 per credit hour applies.

ECON 5213 Econometric Analysis
Prerequisites: STAT 3013; consent of instructor.
Description: This course provides an in-depth exploration of econometric methods, focusing on their application to real world economic and business data, while understanding their theoretical foundations. Topics include linear regression, hypothesis testing, model selection, and advanced methods such as instrumental variables, panel data analysis, and policy evaluation. The course will equip students to conduct rigorous empirical research and critically evaluate existing econometric studies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics
Additional Fees: Business Graduate Program fee of $6 per credit hour applies.

ECON 5263 Introduction to Econometrics II
Prerequisites: ECON 5213 or equivalent; consent of instructor.
Description: Introductory course in econometric regression analysis for first year graduate students in economics, business and agricultural economics. Topics include microeconometric applications using panel data, qualitative choice and limited dependent variable models. Also, includes applications in macroeconomics and financial economics using regression analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 5353 Austrian Economics: Theory & History
Description: Explore the Austrian school of economics, its origins, history and theory. Austrian economics views the market as a dynamic process with entrepreneurship as its driving force. In contrast to competing paradigms, the Austrian school consistently applies value subjectivity, acknowledges the highly heterogeneous nature of productive capital and relies primarily on a method that is specific for the social sciences. Same course as EEE 5103. May not be used for degree credit with EEE 4103 or ECON 4353.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 5603 Global Economics
Description: This course presents an introduction to economic issues from a global perspective for the non-specialist. It emphasizes the problems and challenges the process of globalization poses to national economies. The first part of the course presents the main theories of international trade and their relevance to explaining current global trade patterns. The second part of the course examines the foreign exchange market and the process of exchange rate determination. It covers various international financial issues such as global current account imbalances, the role of the dollar in international financial markets and international currency crises. Same course as GS 5213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 5733 Energy Economics: Traditional and Renewable Energy Markets
Prerequisites: ECON 2103 or ECON 2003 and either MATH 2103 or MATH 2144.
Description: This course examines theory, empirical perspectives, and the political economy of energy supply and demand. It discusses aspects of local, national, and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy. In the course, we will examine public policies affecting energy markets including taxes, price regulation, energy efficiency, and control of emissions. Same course as ECON 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6000 Research and Thesis
Prerequisites: Approval of advisory committee.
Description: Workshop for the exploration and development of research topics. Research leading to the PhD dissertation. Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Economics

ECON 6010 Seminar in Economic Policy
Description: Intensive analysis of selected problems in economic policy. Individual research, seminar reports and group discussion of reports. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Economics

ECON 6013 Microeconomic Theory I
Prerequisites: ECON 5223 or ECON 6323 or consent of instructor.
Description: Contemporary price and allocation theory with emphasis on comparative statics. Topics include consumer theory, firm theory, partial equilibrium in competitive, monopoly and imperfect competition environments, and general equilibrium. Course previously offered as ECON 5123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6023 Microeconomic Theory II
Prerequisites: ECON 6013.
Description: This course aims to equip students with rigorous mathematical and quantitative skills to analyze important questions in modern microeconomics. The first half is the study of non-cooperative game theory, including both static and dynamic games, games of both complete and incomplete information. The second half of the course is to examine decision-making under uncertainty and the economics of markets with incomplete and asymmetric information. Course previously offered as ECON 6133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6033 Macroeconomic Theory I
Prerequisites: ECON 5033 or consent of instructor.
Description: This course offers a robust foundation in contemporary macroeconomic theory. It primarily covers key topics such as inflation, unemployment, exogenous and endogenous growth, consumption, investment, and financial markets within the framework of dynamic optimization. By the end of the course students will have developed the necessary quantitative skills to critically engage with the literature relevant to dissertation level research. Course previously offered as ECON 5133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6043 Macroeconomic Theory II
Prerequisites: ECON 6033.
Description: This course introduces the concepts and techniques of modern macroeconomic theory. Students will learn mathematical and analytical skills to solve dynamic stochastic general equilibrium (DSGE) models, the workhorse models of modern macroeconomics. Students will be able to speak the recursive language, write code in MATLAB, and apply these techniques to analyze questions in macroeconomics. The course will focus mainly on recursive methods, dynamic programming, and short-run economic fluctuations. Previously offered as ECON 6143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6113 Seminar in Economic Theory
Description: Microeconomics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6123 Seminar in Economic Theory
Description: Macroeconomics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6213 Econometrics I
Prerequisites: ECON 5213 or consent of instructor.
Description: Introduction to rigorous theory and empirical application of econometric concepts and asymptotic theory based on linear algebra. Topics include conditional expectation, least squares regression, asymptotic theory, hypothesis testing, and instrumental variables. Course previously offered as ECON 5243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6233 Time Series Econometrics
Prerequisites: ECON 5243 or equivalent.
Description: This course provides time series analysis in the context of economic issues, combining rigorous measure-theoretic treatments with a strong emphasis on both theoretical concepts and empirical applications. Topics include ARMA, ARCH/GARCH, GMM, unit roots, cointegration, error correction, VAR, and nonlinear models. By the end of the course, students will have developed the necessary time series econometric skills to critically engage with the literature relevant to dissertation-level research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6243 Econometrics II
Prerequisites: ECON 6213.
Description: Advanced econometric theory with microeconometric applications. Topics include instrumental variables estimation, generalized method-of-moments estimation, regression analysis using cross- section survey and panel data, and program evaluation methods. At the end of the course, students should be capable of (i) using the most appropriate and up to date econometric tools for their research, and (ii) critically reading and evaluating applied research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6323 Mathematical Economics I
Prerequisites: ECON 3113 and MATH 2163 or equivalent.
Description: This course provides a foundational introduction to mathematical tools essential for advanced economic analysis. We will delve into cornerstone mathematical techniques in economics such as optimization theory and comparative statics. The curriculum covers matrix algebra, differential and integral calculus, optimization, differential and difference equations, and optimal control theory, with applications drawn from economic theory. Previously offered as ECON 5223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6613 International Finance
Prerequisites: Permission of instructor.
Description: This course addresses topics in international finance and open economy macroeconomics. Topics include Structural Vector Autoregressions (SVAR), Bayesian estimation of DSGE models, state-dependent local projection models, sovereign default, and monetary and fiscal policy interaction. By the end of the course, students will be equipped with the quantitative tools necessary for rigorous empirical research and policy analysis in international finance. Course previously offered as ECON 5613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6623 Economic Development I
Prerequisites: Permission of instructor.
Description: This course provides a foundation for theoretical and empirical analysis of developing economies. Topics include the neoclassical household theory, rural economies, financial markets, human capital, program evaluation, and institutions. Course objectives: (i) offer a critical overview of development economics literature; (ii) present methodological approaches, with a focus on advances on experimental, quasi-experimental and observational data; (iii) prepare students for conducting original research & for critically evaluating research in the field. Course previously offered as ECON 5623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6633 International Trade
Prerequisites: Permission of instructor.
Description: This course examines the causes and consequences of international trade. It is structured around recent research papers at the forefront of the field. Students will learn techniques for estimating trade models and assessing counterfactuals as relates to the effects of global value chains, foreign direct investment (FDI), and multinational production, as well as the implications of trade on inequality, the international diffusion of ideas, and other economic outcomes. Course previously offered as ECON 5633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6643 Economic Development II
Prerequisites: Permission of instructor.
Description: This course provides a foundation for theoretical and empirical analysis of developing economies. Topics include the neoclassical household theory, rural economies, financial markets, human capital, program evaluation, and institutions. Course objectives: (i) offer a critical overview of development economics literature; (ii) present methodological approaches, with a focus on advances on experimental, quasi-experimental and observational data; (iii) prepare students for conducting original research & for critically evaluating research in the field. Course previously offered as ECON 5643.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6903 Regional Economic Analysis and Policy
Description: The course acquaints students with the frontiers in regional, spatial, and rural economics as well as the historical background of current research. The course begins with the study of key models that describe regional economies. This is followed by an in-depth analysis of selected recent applied economic papers on key topics and methods related to differing dimensions of regional growth and development. Course previously offered as ECON 5903.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

ECON 6913 Urban Economics
Prerequisites: Permission of instructor.
Description: This course explores the economic forces driving city formation, growth, and development. We will delve into both intra-city and inter-city dynamics, examining topics such as agglomeration, economic growth, education, migration, land use, housing, and urban policy. Our focus is on understanding the economics of cities, urban policies, as well as the research methodologies employed in the field. By analyzing a curated selection of research articles, we aim to provide students with a solid foundation in urban economics and related fields. Course previously offered as ECON 5913.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Economics

LSB 1113 Law in Society
Description: Forms and types of law and their evolution, including antitrust, ecology, consumerism and civil rights. Political, social and economic forces affecting legal developments. Legal needs of society and the probable future direction of the law. Course previously offered as BUSL 1113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 3010 Special Topics in Legal Studies in Business
Prerequisites: LSB 3213, prior consent of instructor.
Description: Analysis of a contemporary topic in business law. Changing social issues and trends in legal studies in business. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Management

LSB 3011 Name, Image, and Likeness and the Law
Description: In this course, students will learn the primary legal principles surrounding the right of publicity, which in the context of college athletes is commonly referred to as name, image, and likeness rights. Students will learn the legal theory that underpins the current debate over granting name, image, and likeness rights to collegiate athletes. This course covers several different legal concepts, including the separation of powers, contracts, agency law, and intellectual property law. After completing this course, students will understand the rules governing the licensing of name, image, and likeness rights for college athletes. Students will also gain experience in negotiating and drafting mock contracts.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 3213 Legal and Regulatory Environment of Business
Prerequisites: Junior standing.
Description: General concepts regarding the nature of the legal system, ethical issues in business decision making, dispute resolution processes, basic constitutional limitations on the power of government to regulate business activity, the nature of government regulation, fundamental principles of tort and contract law. Course previously offered as BUSL 3213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4013 Law and Social Media
Prerequisites: LSB 3213.
Description: This course introduces the fundamentals of social media law. Legal topics include: marketing, intellectual property, employment, privacy, free speech and fundraising. Methods to address the risks of these legal issues will be discussed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4113 White Collar Criminal
Prerequisites: LSB 3213.
Description: This course explores white-collar crime including illegal, unethical and deviant activities of organizations and individuals. The course examines causes of the behavior as well as its impact on business stakeholders.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4323 Law of Commercial Transactions and Debtor-Creditor Relationships
Prerequisites: LSB 3213.
Description: Concentrated study of law relating to certain commercial transactions and debtor/creditor relationships. Includes law of sales, negotiable instruments, secured transactions, suretyship and bankruptcy. Previously offered as LSB 3323 and BUSL 3323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4403 Law and Entrepreneurship
Prerequisites: ECON 3213 or permission of instructor.
Description: Explores how to recognize and ethically manage legal risks within an emerging enterprise in order to optimize opportunities. Topics include: evaluating appropriate business organizations; understanding alternatives for obtaining capital; using employees to help achieve organizational goals; protecting intellectual property; and complying with the regulatory environment when advertising and marketing a product or service.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4413 Law of Business Organizations
Prerequisites: LSB 3213.
Description: General principles of law relating to the formation, operation and termination of various forms of business organizations. Includes a study of the law of agency, partnerships and corporations. Course previously offered as BUSL 4413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4423 Employment Law (D)
Prerequisites: LSB 3213 or equivalent.
Description: Legal foundations of employment in the United States. Contemporary topics relating to the employment environment such as state legislative and judicial limitations on employment at will doctrine, federal legislation relating to equal employment opportunity and affirmative action, fair labor standards, safety in the work place and state workers compensation laws. Previously offered as LSB 3423 and BUSL 3423. No degree credit for students with credit in LSB 5423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management
General Education and other Course Attributes: Diversity

LSB 4513 White Collar Criminal Law
Description: This course is a comprehensive examination of white-collar crime - the illegal, unethical, or deviant activities of respectable institutions and individuals. The class will emphasize how courts, juries and the public perceive and react to these crimes. The causes and impact on the business community and society will be examined. Students will study contemporary and notorious cases. Students will brief cases in handouts studying the major sources of law in the prosecution of white collar criminal cases by the federal government. Traditional and active learning methods will be used.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4523 Law of Real Property
Prerequisites: LSB 3213 or equivalent.
Description: Nature of real property and of the legal transactions relating thereto. Topics may include deeds and conveyancing, landlord-tenant relationships, mortgages, easements, oil and gas interests, types of estates, joint ownership, and legal descriptions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management

LSB 4633 Legal Aspects of International Business Transactions (G)
Prerequisites: LSB 3213 or equivalent.
Description: Legal aspects of operating a business entity engaged in international commerce. Topics may include: foreign business organizations, U.S. taxation of foreign investors, common clauses in transnational contracts, problems of technology transfer on the international market, anti-trust aspects of international business, and jurisdictional problems in resolving disputes. Course previously offered as BUSL 4633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Management
General Education and other Course Attributes: International Dimension

LSB 5010 Research and Independent Studies
Description: A workshop arrangement or supervised independent study. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Management

LSB 5163 Legal Environment of Business
Prerequisites: Admission to a SSB graduate program or consent of MBA director.
Description: Legal environment within which business must operate. Nature and source of law, the operation of the judicial system, the operation of administrative agencies, selected Constitutional provisions frequently involved in litigation of business problems, and selected substantive legal areas having a direct relationship with business operation and decision-making.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Management

LSB 5203 Foundations of Issue and Conflict Management
Description: Provides professionals from all fields with the skills necessary to handle conflicts, solve disputes, influence decisions and develop positive interpersonal relationships. It provides an overview of the alternative dispute resolution processes by utilizing readings, research, discussion and role-playing exercises.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Management

LSB 5213 Mediation and Facilitation: Theories and Practice
Prerequisites: ECON 5203.
Description: This course examines the theories, skills, and boundaries of the mediation and facilitation processes, and analyzes the role of the third party neutral in the intervention and resolution conflicts. Ethical, practical and legal constraints are also addressed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Management

LSB 5233 Introduction to Arbitration and Litigation
Prerequisites: LSB 5203.
Description: This course examines the elements and process of arbitration, situations, in which arbitration skills are required, including construction, securities, civil conflicts, labor disputes and commercial contracts. Topics include comparisons to litigation, the role of judicial review and the enforcement of arbitration awards.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Management

LSB 5290 Seminar in Negotiation and Alternative Dispute Resolution
Prerequisites: Consent of instructor.
Description: Individual investigations in the areas of issue and conflict management under the direct supervision of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Management

LSB 5423 Employment Law
Prerequisites: LSB 3213 or equivalent or permission of instructor.
Description: Legal foundations of employment in the United States. Contemporary topics relating to the employment environment such as state legislative and judicial limitations on employment at will doctrine, federal legislation relating to equal employment opportunity and affirmative action, fair labor standards, collective bargaining, and safety in the work place. Students may not take both LSB 4423 and LSB 5423 for degree credit.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Management
Additional Fees: Business Graduate Program fee of $6 per credit hour applies.

Undergraduate Programs

- Economics, BS (p. 1262)
- Economics: General Option, BA (p. 1265)
- Economics: International Economics Relations, BA (p. 1268)
- Economics: Pre-Dental, BS (p. 1271)
- Economics: Pre-Medical, BS (p. 1274)
- Economics: Pre-Veterinary, BS (p. 1277)

Minors

- Economics (Arts and Sciences) (ECAS), Minor (p. 1261)

Economics (Arts and Sciences) (ECAS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Haley McMahon, 407 LSE, 405-744-5565

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 15 hours of ECON (p. 1251) courses

Other Requirements

- 9 hours must be upper-division.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Economics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2103	Business Calculus (Q) [1]	3
STAT 2013	Elementary Statistics (Q) [1]	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.00.		
Core Courses		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
Options		
Select one option (p. 1262)		33
Hours Subtotal		**48**
Electives [2]		
Select 19 hours		19
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**19**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

Options

General Option

Code	Title	Hours
Select 15 hours upper-division ECON		15
Select 18 hours of upper-division electives of which 3 must be outside the field of Economics [2]		18
Electives		
STAT 3013 is recommended		
1 hour may need to be upper-division		

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

Graduate Preparation Option

Code	Title	Hours
ECON 4213	Econometric Methods	3
or ECON 4223	Business and Economic Forecasting	

Select 9 additional hours upper-division ECON		9
MATH 3013	Linear Algebra (Q)	3
STAT 3013	Intermediate Statistical Analysis	3
Select 12 hours of upper-division electives of which 3 must be outside the field of Economics		12
Electives		
The following are required:		
MATH 2144	Calculus I (Q)	
MATH 2153	Calculus II (Q)	
MATH 2163	Calculus III	
1 hour may need to be upper-division.		

Pre-Law Preparation Option

Code	Title	Hours
Select 15 hours upper-division ECON		15
PHIL 1313	Logic and Critical Thinking (Q)	3
POLS 3983	Courts and Judicial Process	3
Select one of the following:		3
POLS 2023	Introduction to Law and Legal Studies (S)	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
Select 9 hours of the upper-division electives of which 3 must be outside the field of Economics		9
Electives		
7 hours may need to be upper-division		

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (Q) (MATH 2144 required for Graduate Preparation Option)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		6
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses (MATH 2153 required for Graduate Preparation option)		6
	Hours	**15**
Sophomore		
Fall		
ECON 3113	Intermediate Microeconomics	3
General Education courses (MATH 2163 required for Graduate Preparation option)		12
	Hours	**15**
Spring		
ECON 3123	Intermediate Macroeconomics	3
Major, College, and Elective courses (MATH 3103 required for Graduate Preparation option)		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses (STAT 3013 required for Graduate Preparation option)		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
ECON 4933	Applied Economics	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Economics: General Option, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2103	Business Calculus (Q) [1]	3
STAT 2013	Elementary Statistics (Q) [1]	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
Int'l Econ. Rel:		
Select 5 hours of foreign language (2000-level or above)		5
International courses recommended for remainder		4
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum major GPA 2.00.		
Core Courses		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
General Option Requirements		
Select 15 hours in Economics courses 3000-level or above		15
Select 18 hours of upper-division electives of which three hours must be outside the field of Economics [2]		18
Electives		
STAT 3013 recommended		
Hours Subtotal		**48**
Electives		
Select 10 hours		10
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
Hours Subtotal		**10**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
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   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (Q)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		5
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
ECON 3113	Intermediate Microeconomics	3
1713 First Semester Foreign Language		3

General Education courses		9
	Hours	**15**
Spring		
ECON 3123	Intermediate Macroeconomics	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
ECON 4993	Economics Honors Thesis	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Economics: International Economics Relations, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2103	Business Calculus (Q) [1]	3
STAT 2013	Elementary Statistics (Q) [1]	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
Int'l Econ. Rel:		
Select 5 hours of foreign language (2000-level or above)		5
International courses recommended for remainder		4
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum major GPA 2.00.		
Core Courses		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
Option Requirements		
ECON 3613	International Economic Relations (GS)	3
ECON 4643	International Economic Development (GS)	3
ENGL 3323	Technical Writing	3
or BCOM 3333	Advanced Business Communication	
Select one of the following:		6
MKTG 3213 & MKTG 4553	Marketing (S) and International Marketing	
LSB 3213 & LSB 4633	Legal and Regulatory Environment of Business and Legal Aspects of International Business Transactions (G)	
Select 9 hours upper-division Economics electives		9
Select 9 hours upper-division Arts & Sciences courses with Global Cultural Competency (G)		9
Electives		
ACCT 2103 required		
STAT 3013 recommended		
Hours Subtotal		**48**
Electives		
Select 10 hours		10
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
Hours Subtotal		**10**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (Q)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		5
	Hours	**15**

Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
STAT 2013 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
ECON 2203	Introduction to Macroeconomics	3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
ECON 3113	Intermediate Microeconomics	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
ECON 3123	Intermediate Macroeconomics	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
ECON 4993	Economics Honors Thesis	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Economics: Pre-Dental, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2103	Business Calculus (Q) [1]	3
STAT 2013	Elementary Statistics (Q) [1]	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.00.		
Core Courses		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
Select 12 hours of upper-division ECON		12
Pre-Dental Option		
BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
BIOL 3214	Human Anatomy	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3
Hours Subtotal		**58**
Electives		
Select 8 hours		8
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**8**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (Q)	3
ECON 2103	Introduction to Microeconomics (S)	3
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3

STAT 2013 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
ECON 2203	Introduction to Macroeconomics	3
BIOL 1604	Animal Biology	4
General Education courses		3
	Hours	**16**
Sophomore		
Fall		
ECON 3113	Intermediate Microeconomics	3
CHEM 1314	Chemistry I (LN)	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		4
	Hours	**15**
Spring		
ECON 3123	Intermediate Macroeconomics	3
CHEM 1515	Chemistry II (LN)	5
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		3
	Hours	**15**
Junior		
Fall		
Upper-division ECON		3
BIOL 3204 or BIOL 3214	Physiology or Human Anatomy	4
CHEM 3053	Organic Chemistry I	3
Major, College, and Elective courses		5
	Hours	**15**
Spring		
Upper-division ECON		3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
Major, College, and Elective courses		4
	Hours	**15**
Senior		
Fall		
Upper-division ECON		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
ECON 4933	Applied Economics	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Economics: Pre-Medical, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2103	Business Calculus (Q) [1]	3
STAT 2013	Elementary Statistics (Q) [1]	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		
BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	4
or BIOL 3204	Physiology	
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.00.		
Core Courses		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
Select 12 hours of upper-division ECON		12
Pre-Medical Option		
BIOL 3214	Human Anatomy	4
BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
or BIOL 3023	General Genetics	
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
Hours Subtotal		**58**
Electives		
Select 8 hours		8
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**8**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
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   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
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Example Plan of Study

Finish in Four Plan of Study

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Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (Q)	3
ECON 2103	Introduction to Microeconomics (S)	3
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3

STAT 2013 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
ECON 2203	Introduction to Macroeconomics	3
BIOL 1604	Animal Biology	4
General Education courses		3
	Hours	**16**
Sophomore		
Fall		
ECON 3113	Intermediate Microeconomics	3
CHEM 1314	Chemistry I (LN)	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		4
	Hours	**15**
Spring		
ECON 3123	Intermediate Macroeconomics	3
CHEM 1515	Chemistry II (LN)	5
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		3
	Hours	**15**
Junior		
Fall		
Upper-division ECON		3
CHEM 3053	Organic Chemistry I	3
BIOL 3204 or BIOL 3214	Physiology or Human Anatomy	4
Major, College, and Elective courses		5
	Hours	**15**
Spring		
Upper-division ECON		3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
Major, College, and Elective courses		4
	Hours	**15**
Senior		
Fall		
Upper-division ECON		3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Major, College, and Elective courses		7
	Hours	**15**
Spring		
ECON 4933	Applied Economics	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Economics: Pre-Veterinary, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2103	Business Calculus (Q) [1]	3
STAT 2013	Elementary Statistics (Q) [1]	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113	Introductory Biology (N)	4
& BIOL 1111	and Introductory Biology Laboratory (LN)	
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		
BIOL 1604	Animal Biology	4
or BIOL 3214	Human Anatomy	
CHEM 1515	Chemistry II (LN)	5
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.00.		
Core Courses		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
ECON 3123	Intermediate Macroeconomics	3
ECON 4933	Applied Economics	3
Select 12 hours of upper-division ECON		12
Pre-Veterinary Option		
Select 3 hours of upper-division ECON		3
ANSI 3543	Principles of Animal Nutrition	3
BIOC 3653	Survey of Biochemistry	3
or BIOC 3713	Biochemistry I	
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
ENGL 3323	Technical Writing	3
or SPCH 2713	Introduction to Speech Communication (S)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN)	4
or PHYS 2114	University Physics II (LN)	
PSYC 1113	Introductory Psychology (S)	3
Hours Subtotal		**63**
Electives		
Select 3 hours		3
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**3**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2103	Business Calculus (Q)	3
ECON 2103	Introduction to Microeconomics (S)	3
BIOL 1113	Introductory Biology (N)	3
BIOL 1111	Introductory Biology Laboratory (LN)	1
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3

STAT 2013 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
ECON 2203	Introduction to Macroeconomics	3
BIOL 1604	Animal Biology	4
General Education courses		3
	Hours	**16**
Sophomore		
Fall		
ECON 3113	Intermediate Microeconomics	3
CHEM 1314	Chemistry I (LN)	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		6
	Hours	**17**
Spring		
ECON 3123	Intermediate Macroeconomics	3
CHEM 1515	Chemistry II (LN)	5
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
Major, College, and Elective courses		3
	Hours	**15**
Junior		
Fall		
Upper-division ECON		3
ANSI 3543	Principles of Animal Nutrition	3
CHEM 3053	Organic Chemistry I	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
Upper-division ECON		3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
ENGL 3323 or SPCH 2713	Technical Writing or Introduction to Speech Communication (S)	3
	Hours	**14**
Senior		
Fall		
Upper-division ECON		3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Major, College, and Elective courses		6
	Hours	**14**
Spring		
ECON 4933	Applied Economics	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

English

The Department of English prides itself on the diversity of its course offerings and on its small lecture and discussion classes. The department offers a full range of courses in seven areas: literature, creative writing, screen studies, linguistics, teaching English as a second language, rhetoric and writing studies. The number of students in any English class rarely exceeds 30; and in first-year composition the enrollment limit is 19. The maximum number of students in a graduate-level class is 12.

An undergraduate English major may select from five options: the traditional literature-based option emphasizes literary appreciation and analysis and allows ample opportunity for discussion, independent thinking, and writing. English majors can also add a teaching certificate to this option by completing the required education courses as electives. The creative writing option includes fiction writing, poetry writing, and creative nonfiction, with emphasis on interactive workshop classes in which students hone their skills. The third option, screen studies, focuses on the study of the history, theory, and aesthetics of cinema, television, and new media. And the fourth option, rhetoric and writing studies, is for majors who seek careers in which their writing skills will be applied to the task of generating and exchanging ideas in professional settings. The fifth option is a pre-law track for students planning to go into the legal professions.

Many English majors pursue careers directly related to their major, such as those in teaching, editing, or publishing, or they may decide to go to graduate school in order to teach in a college or university. Other students find that an English major is excellent preparation for law school or for careers in the ministry, government, business, counseling, social work, or library science.

The Department of English actively participates in the University Honors Program. Students who qualify for Honors are eligible to enroll in restricted courses and to write a Senior Honors Thesis. The department offers Honors courses at all levels, including an Honors seminar on a different topic each year.

A Bachelor of Arts in English requires 45 hours of lower- and upper-division English courses. An English minor requires 18 hours of English, at least nine of which must be upper-division (These hours do not include Freshman Composition.). The department also offers minors in Creative Writing, Linguistics, Professional Writing, and Screen Studies. Undergraduate students majoring in English or in another discipline may also wish to earn a Certificate in TESOL (Teaching English to Speakers of Other Languages).

Courses

ENGL 0003 Academic English for Graduate Students
Description: Study and practice of English listening, reading and speaking skills required for graduate study. Graded on satisfactory-unsatisfactory basis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 1010 Studies in English Composition
Description: Special study in composition to allow transfer students to fulfill general education requirements as established by Regent's policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: English

ENGL 1113 Composition I
Description: The fundamentals of expository writing with emphasis on structure, development and style.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

ENGL 1123 International Freshman Composition I
Description: Restricted to students whose native language is not English. Expository writing with emphasis on structure and development. Special attention to problems of English as a second language. This course may be substituted for ENGL 1113. Previously offered as ENGL 1013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 1143 Talking Tech: Language, AI, and the Digital World
Description: How do voice assistants, chatbots, and translation apps work? This course explores the fascinating world of talking tech—the intersection of language and technology. Students will learn how the study of language fuels breakthroughs in tech and how computational challenges reshape how language is studied. By examining real-world applications, the course introduces key concepts in language and computation while highlighting their impact on communication in a digital age.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 1213 Composition II
Prerequisites: ENGL 1113 or ENGL 1123 or ENGL 1313.
Description: Expository composition with emphasis on technique and style through intensive and extensive readings.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

ENGL 1223 International Freshman Composition II
Prerequisites: ENGL 1113 or ENGL 1123.
Description: Restricted to students whose native language is not English. Expository composition with emphasis on technique and style in writing research papers. May be substituted for ENGL 1213. Previously offered as ENGL 1033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 1313 Critical Analysis and Writing I
Description: Expository writing forms, including summary, critique, and synthesis. Writing assignments based on readings from across the curriculum. May be substituted for ENGL 1113 for gifted writers who seek a more challenging course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 1413 Critical Analysis and Writing II
Description: Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 1923 Classics Old and New (H)
Description: What's on your list of must-read books? In this course, you'll get to dive deep into some of the most celebrated (and controversial) works of literature in a small, discussion-based class. Guided reading, short writing, and creative activities designed to spark your literary curiosity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 2233 Writing as a Profession (H)
Description: An overview of genres and styles of writing in professional contexts, including organizations, science and industry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 2243 Language, Text and Culture (GH)
Description: Investigation of how human language relates to culture.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ENGL 2253 Theory and Practice of Digital Studies
Description: Introduction to digital studies including historical, cultural, and technological contexts. Students will produce digital projects interrogating issues and challenges of digital cultures including webpages, podcasts, and infographics. No prior computer experience needed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 2393 Popular Fiction (H)
Description: Readings in several related popular genres of fiction such as science fiction, fantasy, horror, romance, crime fiction, Westerns, graphic novels, comics, and/or fan fiction. Small, discussion-based classes investigate how contemporary popular fiction depicts diverse experiences and identities and engages different communities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 2413 Exploring Literature (DH)
Description: Readings from a wide range of literature depicting diverse experiences and identities. Class discussions cover literary forms and meanings, along with the imaginative depictions of different communities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

ENGL 2443 Languages of the World (GS)
Description: A comprehensive survey of world languages. The essential structural and historical organization of languages. The process of languages as a basic human function. Same course as FLL 2443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: International Dimension, Society & Human Behavior

ENGL 2453 Introduction to Film and Television (H)
Description: Introduction to the formal analysis of moving images - film, television, and new media - in aesthetic, cultural, and political contexts. Students discuss and write about films and other moving images screened in class.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 2513 Introduction to Creative Writing (H)
Description: Literary composition with emphasis on techniques and style through readings and writings in fiction, poetry and creative nonfiction.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

ENGL 2543 Survey of British Literature I (H)
Description: The beginnings through the Neo-Classic Period.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 2653 Survey of British Literature II (H)
Description: The Romantic Period to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 2773 Survey of American Literature I (H)
Description: The Puritans through the Romantic Period.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

ENGL 2883 Survey of American Literature II (DH)
Description: The Romantic Period to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

ENGL 2890 Honors Experience in English
Prerequisites: Honors Program participation and concurrent enrollment in a designated ENGL course.
Description: A supplemental Honors experience in English to partner concurrently with designated English course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Honors Credit

ENGL 2963 Survey of Postcolonial and Indigenous Literatures (GH)
Description: Introduction to the literature of the indigenous people and postcolonial nations of the world. Previously offered as ENGL 3173.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ENGL 3030 Writing the Short Story (F)
Description: This workshop will focus on the creative process of writing original short stories. Because this class focuses on writing and the creative process, we will examine our own work and the work of published fiction writers. The type, form, and audience of short stories covered in this class will vary. Previously offered as ENGL 3033. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3040 Poetry Writing: Free Verse and Formal (F)
Description: This workshop will focus on the creative process of writing original free verse and formal poetry. Because this class focuses on writing and the creative process, we will examine our own work and the work of published poetry writers. The type, form, and audience covered in this class will vary. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3060 Writing Flash Nonfiction (F)
Description: Students write and workshop original creative nonfiction in the flash nonfiction form and read and discuss published flash nonfiction to learn and practice craft techniques of this short and dynamic genre. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3063 Introduction to Linguistics: Exploring Human Language
Description: Introduction to the study of how languages work and how they're used. Looks at speech sounds, how words are formed, the structure of phrases and sentences, the use of language in interaction. Considers English and other languages of the world. Same course as ENGL 4063. May not be used for degree credit with ENGL 5143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3073 Film Production
Description: An overview of film production introducing students pre-production; the basics of on-set production; and the mechanics of camera operation and editing software.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3083 Global Approaches to Ecological Storytelling (G)(H)
Description: This writing course focuses on the development, practice, traditions, concerns, and characteristics of ecological writing through a collaboration of global scientific research, international observation, and respectful empathic cultural communication through narrative. With collaboration among critical thinkers and narrative writers, we can combine the power of storytelling with scientific rigor to convey complex ideas about global biodiversity loss.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ENGL 3113 Science, Literature, and Culture (H)
Description: This course provides students with opportunities for critical reading, thinking, discussion, and writing about the physical and life sciences, their history, and the cultural roles they play, especially in relation to literature. This course is structured as a general survey of the social and cultural study of science, examining major works in the history, philosophy, and sociology of science in conjunction with major works of English-language literature that engage directly with the sciences. Same course as AMST 3113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3123 Mythology (H)
Description: Myths, their cultural context, and their place in world literature. Same course as LATN 3123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3133 Readings in Multi-Ethnic American Literature
Description: Literature by American writers of diverse ethnicities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3143 Readings in Postcolonial Literature (GH)
Description: Literature in English by writers from parts of the world once colonized by the West.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ENGL 3153 Readings in Literature by Women (DH)
Description: The collection of literature written by women in England and America, classical and modern figures. Previously offered as ENGL 4773.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

ENGL 3163 Literatures of the Ancient World (H)
Description: Readings and topics in the cultures and literatures of the ancient world. Same course as LL 3163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3170 Readings in Literature and Other Disciplines
Description: A study of literature and its historical or thematic connections to one or more of the fine arts or disciplines in the humanities or social sciences. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3183 Native American Literature (DH)
Description: Origins and development of a literary tradition in its historical and cultural context.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

ENGL 3190 Readings in Postcolonial and Multiethnic Literature
Description: Principal literary and critical texts written in English either by writers from parts of the world once colonized by the West or by American writers of different ethnic origins whose work bridges cultures. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3193 African-American Literature (DH)
Description: Origins and development of a literary tradition in its historical and cultural context.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

ENGL 3200 Special Problems in Language and Literature
Prerequisites: 9 credit hours of English.
Description: Specialized readings and independent study. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: English

ENGL 3203 Advanced Composition
Prerequisites: 9 hours of English.
Description: An advanced writing course based on contemporary theories of composition.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3223 Professional Writing Theory
Description: Major theories, issues and methodologies in professional writing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3243 Literary Theory and Criticism
Description: Study of the major works of critical theory and literary criticism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3263 Film & TV Criticism
Description: An inquiry into the major concepts and debates of mass-media theory. Issues addressed include the nature of the relation between images and reality; the psychological and cultural significance of style in film, television, and new media representations; and the role that mass-media play in the organization of social and political relations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3273 YouTube and Online Communities (H)
Description: This course offers a critical assessment of the video-sharing platform YouTube. Course readings and written assignments emphasize the aesthetics and industrial practices of the platform. Topics include genres of content creation, the creator economy, influencer culture, content moderation and community guidelines, copyright infringement and relation to legacy media, disinformation and conspiracy theories, and political radicalization.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3293 Media and the Environment (H)
Description: This course examines the relationship between media industries and the natural environment. Topics covered include depictions of non-human nature (animals and plants), representations of climate change, sustainable media production, and media's relation to extractive industries and energy production.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3323 Technical Writing
Prerequisites: ENGL 1113 or ENGL 1213 or ENGL 1313 and junior standing.
Description: Applied writing in areas of specialization. Intensive practice in professional/technical writing genres, styles, research techniques and editing for specialized audiences. This course may be substituted for ENGL 1213 with an "A" or "B" in ENGL 1113 and consent of the student's college.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

ENGL 3333 Short Story (H)
Description: Origins, development, theory and craft of the short story.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

ENGL 3343 Reading Poetry
Description: This course in poetic literacy will introduce students to the major poetic forms, to changes in aesthetics of poetry over time, to figurative language, to prosody, to the particular interpretative skills required to understand and write about the genre.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3353 Film and Literature
Description: A study of film and literature in relation, whether by way of adaptation studies, the distinct "grammars" of images and language, or the emergence of film and literary forms alongside each other in aesthetic movements.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 3363 Readings in Drama (H)
Description: Close study of representative plays of various periods (for example, Classical, Renaissance, Restoration, Modern, and others) and of the main formal categories (tragedy, comedy).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3373 Readings in Nonfiction
Description: Theory and practice of creative nonfiction in English, including autobiography, travel writing, literary journalism, correspondence and the essay.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3383 Readings in Narrative
Description: Readings in narrative of different periods and different genres.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3410 Readings in Popular Fiction
Description: Historical study of a popular fictional genre's development. Course content varies by semester; individual courses may focus on science fiction, fantasy, detective fiction, the Western, horror and the Gothic, romance, graphic novels, or other popular narrative categories. Exploration of the characteristics and evolution of the genre while developing skills in reading, writing and thinking critically. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3413 Science Fiction (H)
Description: This course will survey the development of science fiction literature as a genre, focusing on major figures and important topics from its beginnings to the contemporary scene. In examining the evolution of science fiction storytelling, we will also investigate how science fiction both reflects and influences broader historical and cultural changes in the 19th, 20th and 21st centuries. Same course as AMST 3413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3433 Introduction to Television Studies (H)
Description: A focused examination of one aspect of television culture, technology, history and/or style. While the particular topics to be considered vary, and include everything from TV genres to TV theories, in each instance the course gives students an in-depth understanding of how television shapes the social and political world in which we live. Previously offered as ENGL 3430.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3440 Studies in Film Genre
Description: A comparative study of types of films both inside the Hollywood system and in other national cinemas. The western, the film noir and the musical, as well as genres from such countries as France, Germany and Japan. Focused knowledge of selected genres, a sense of the economic imperatives that necessitate generic "contracts" between film producers and viewers and knowledge of the history of specific genres. Previously offered as ENGL 3443. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 3453 History of American Film (H)
Description: Examines the history of cinema in the U.S. from its beginnings until the present, addressing such issues as: the origins of cinema, the coming of sound, American film genres, the Hollywood studio system, censorship, the challenge of television, the new American cinema of the 1970s, the politics of independent film production, and the rise of computer-generated imagery.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 3463 History of International Film (GH)
Description: Introduction to the history of international cinema and the principal eras in film history, focusing on the moments when different national cinemas flourished.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

ENGL 3473 Race, Gender, and Ethnicity in American Film (D)
Description: A survey of race, gender, and ethnicity as they have been represented in American films. Same course as AMST 3473.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Diversity

ENGL 3483 Screenwriting
Description: Introduction to the craft of screenwriting. Students will write and workshop their own screenplays and treatments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 3503 Television and American Society (DH)
Description: Examination of television within the social and cultural context of the U.S. Looks at the aesthetic and industrial practices that shape representation on TV and the effects of those practices, particularly for socially disempowered groups. Same course as AMST 3503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

ENGL 3813 Readings in the American Experience (DH)
Description: Life in the New World from the colonial to the postmodern era using a multiplicity of interdisciplinary texts that demonstrate the emergence and ongoing evolution of distinctive American identities. Same course as AMST 3813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

ENGL 3890 Advanced Honors Experience in English
Prerequisites: Honors Program participation and concurrent enrollment in a designated ENGL course.
Description: A supplemental advanced honors experience in English to partner concurrently with designated upper-division English course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Honors Credit

ENGL 3903 Writing Center Theory and Practice
Prerequisites: Six hours English or consent of instructor.
Description: Writing center research with practical applications in writing instruction.
Credit hours: 3
Contact hours: Lecture: 3 Lab: 4 Contact: 7
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 3933 Shakespeare (H)
Description: Recurring themes and their variations in Shakespeare's work. Nature of these genres in the period and Shakespeare's innovations. The structure and language of the plays, occasional examination of historical documents and contexts, modern performances, and critical essays.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 4003 History of the English Language
Description: The growth of the English language.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4013 English Grammar
Description: The traditional terminology and concepts of English grammar leading or evolving into the several current systems of description. May not be used for degree credit with ENGL 5130.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4033 Discourse Analysis
Description: Introduction to the analysis of the language used in spoken and written discourse contexts in a variety of genres. May not be used for degree credit with ENGL 5340.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4043 Teaching English to Speakers of Other Languages
Description: Designed to develop the skills and techniques needed in teaching English to speakers of other languages (TESOL). Examines the theoretical issues behind the practice and methodologies and classroom techniques, including the testing of English and the selection and preparation of teaching materials.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4053 Film Directing
Description: An overview of film direction introducing students to the dramatic elements of film production and best practices for working with cast and crew by way of hands-on experience of film directing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4073 Introduction to Sociolinguistics
Description: The study of how languages and varieties vary in social contexts and how they are regarded. Same course as CDIS 4073. May not be used for degree credit with ENGL 5173.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4080 Studies in Linguistics
Description: Study of a topic in linguistics, chosen at the instructor's discretion. May not be used for degree credit with ENGL 5140 or ENGL 6410. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4083 Applied Linguistics
Description: Introduction to the applied study of language in use, including aspects of discourse, power, identity, and language choice among other topics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4093 Language in America (DS)
Description: Historical development of American English. Regional, social and cultural language differences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Diversity, Society & Human Behavior

ENGL 4100 Studies in Medieval British Literature
Description: Special topics encompassing the many different ethnic traditions and genres found in medieval British literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4110 Studies in Early Modern Literature
Description: Special topics encompassing the many different traditions and genres found in 16th-17th century British literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4130 Studies in 18th Century British Literature
Description: Selected topics in British literature from 1660-1800. Various writers and their works and themes and literary developments of the period. Topics vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4143 Language and Technology
Description: Introduction to the use of linguistic knowledge in computer applications today. How the study of language has contributed to the advancement of technology and how certain computational problems have influenced the way linguists study language.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4160 Studies in 19th Century British Literature
Description: Exploration of the literary culture of nineteenth-century Britain. Topics might range from romantic poetry to the Victorian novel. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4170 Studies in 20th Century British Literature
Description: Various topics focusing on the literature and culture of Britain and Ireland, such as 20th century British and Irish fiction, poetry, or drama; The City; The Irish Renaissance. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4180 Internship in TESL
Prerequisites: ENGL 4043 or CIED 4133 or permission from instructor. Note: CIED 4133 (formerly EDUC 4110) has been submitted for approval for a name change.
Description: This internship is designed to provide instructional support and professional mentoring for students seeking the undergraduate certificate in TESOL (Teaching English to Speakers of Other Languages). Previously offered as ENGL 4173. Offered for variable credit, 3-4 credit hours, maximum of 4 credit hours.
Credit hours: 3-4
Contact hours: Contact: 3-4 Other: 3-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: English

ENGL 4183 Forensic Linguistics
Description: This course is a survey of linguistics analysis in legal contexts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4200 Studies in Early American Literature
Description: Readings and topics in early American literature and culture. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4210 Studies in 19th Century American Literature
Description: Themes in 19th century American literature with attention to social and cultural contexts. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4220 Studies in 20th Century American Literature
Description: Topics focusing on the literature and culture of the United States, such as 20th century American fiction, poetry, or drama; alienation and activism; the impact of science and technology. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4223 Introduction to Old English
Description: The basics of pronunciation, vocabulary, and grammar, enabling students to read short works in prose and poetry. Previously offered as ENGL 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4230 Literature of Diversity
Description: Readings on topics such as gender, race, ethnicity, sexuality, disability, and class. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4263 Moving Image Aesthetics (H)
Description: A historical and theoretical examination of the stylistic and affective dimension of moving images, including questions of beauty and ugliness, cuteness and the graphic, enjoyment and disgust, high and low culture. Screenings will vary from semester to semester, but may include examples of realism, lo-fi production, prestige pictures, documentary, music videos and cult cinema, and will include material from both American and international contexts.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures

ENGL 4300 Studies in Romanticism
Description: Principle works of Romanticism, reflecting the cultural, social, and political developments. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4310 Studies in Modernism
Description: Selected topics in literature of the early twentieth century. Texts and themes will vary by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4320 Contemporary Literature
Description: Studies and topics in contemporary literature. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4333 Studies in Native American Literature
Description: Readings and topics in Native American Literature and culture. Previously offered as ENGL 4330.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4340 Studies in Postcolonial and Multi-ethnic Literature
Description: Readings and topics in postcolonial literature and culture or multiethnic literature and culture. Offered for variable credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4350 Contemporary International Cinema
Description: Examines major trends in contemporary international cinema of the last fifteen years. National cinema may include France, Germany, Italy, Spain, Sweden, China, Taiwan, India, South Korea, and Russia, amongst others. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 4400 Studies in Regional Literature
Description: Literature of a nation such as Ireland or Canada, or of a region such as the American Southwest. Topic varies by semester. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4450 Culture and the Moving Image
Prerequisites: ENGL 2453.
Description: An advanced class that examines in-depth the relation between moving images and a particular cultural phenomenon, including mass media and the production of violence, the moving image as common culture, television and the construction of domestic life, to name only a few possibilities. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 4513 Literary Art in the Bible
Description: This course will explore literary devices (foreshadowing, allegory, symbolism, etc) and how they are implemented in biblical texts. The Bible will be the primary focus, but comparative texts will be used to build an understanding and recognition of literary devices. We will examine the texts and their history on their own terms, rather than promote a particular religious or non-religious viewpoint. Same course as REL 4513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4520 Problems in English
Prerequisites: 12 credit hours of English.
Description: Specialized readings and independent studies. May not be used for degree credit with ENGL 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: English

ENGL 4523 Professional Writing Internship
Prerequisites: ENGL 4543 and ENGL 4553 or permission of instructor.
Description: Supervised work-and-learning experience in writing, editing, document design, and research in the workplace. May not be used for degree credit with ENGL 5520.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4530 Studies in Professional Writing
Prerequisites: Six credit hours of English.
Description: Selected topics in professional writing, focusing on a particular theme, issue or theoretical approach. Previously offered as ENGL 4533. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours. May not be used for degree credit with ENGL 5560.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4543 Style and Editing
Description: An intensive study of writing style and editing from the sentence level (including diction and grammatical arrangement) to the levels of genres of communication. Writing assignments on style for different audiences. May not be used for degree credit with ENGL 5593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4553 Visual Rhetoric and Design
Description: Major theories, issues, and methodologies in visual rhetoric and design. Practice of theory through guided composing work. May not be used for degree credit with ENGL 5553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4573 Games and Writing
Description: Major theories, practices, and methods of digital and procedural rhetorics. Students will study, analyze, and design games, with special emphasis on how they make persuasive appeals through software and code.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4583 Writing for the Public
Description: Examination and practice of writing for varied publics. Students will produce projects grounded in public advocacy, nonprofit, and/or community sites situated in local, national, and/or web spaces.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4593 Writing Across the Disciplines
Description: A course that explores writing in multiple disciplinary contexts and the complexities that come with entering a particular academic discourse community. We will examine writing in STEM, the social sciences, and the humanities and analyze the ways in which writing in these disciplines changes and adapts. This course aims to help students understand different rhetorical moves made in discipline-specific writing and how this knowledge transfers to their own writing abilities and growth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4600 Studies in Chaucer or Milton
Description: Various topics focusing on the works of Chaucer or Milton. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4620 Creative Nonfiction: Writing Memoir and the Personal Essay
Description: Students learn and practice the specialized craft techniques of creative nonfiction by writing and workshopping original memoirs and personal essays and reading and discussing published memoirs and personal essays. Previously offered and same course as ENGL 4460. May not be used for degree credit with ENGL 5720 or ENGL 6160. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4630 Writing the Novel
Description: Students will actively participate in a lively workshop environment focusing on the creative process of writing original novels. The types, forms, and audience of novels covered in this course will vary. Because this class focuses on writing and the creative process, we will examine our own work and the work of published novelists. Previously offered as ENGL 4633. May not be used for degree credit with ENGL 5730 or ENGL 6130. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4640 Poetry Writing: Lyric and Narrative
Description: Students will actively participate in a lively workshop environment focusing on the creative process of writing lyric and/or narrative poetry. The types, forms, and audience of poems covered in this course will vary. Because this class focuses on writing and the creative process, we will examine both student work and the work of published poets. Previously offered as ENGL 4643. May not be used for degree credit with ENGL 5740 or ENGL 6140. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4700 Single Author or Work Pre-1800
Description: Study of a single author or work prior to 1800 along with supporting literature. Chosen at the instructor's discretion. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4710 Single Author or Work Post-1800
Description: Study of a single author or work after 1800 along with supporting literature. Chosen at the instructor's discretion. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English

ENGL 4723 Studies in Shakespeare (H)
Description: Focus on advanced topics in major plays and selected criticism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Human Heritage & Cultures
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

ENGL 4993 Senior Honors Thesis
Prerequisites: Admission to Arts and Sciences Honors Program and 3.50 cumulative GPA. For Honors students in their final semester.
Description: Thesis written on a topic of student's choice and directed by a faculty member. Final approval of thesis requires oral defense.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: English
General Education and other Course Attributes: Honors Credit

ENGL 5000 Master's Thesis
Description: MA thesis. Offered for variable credit, 1-9 credit hours, maximum of 12 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 5013 Introduction to Graduate Studies
Description: Principles and procedures in scholarly research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5063 Seminar in Shakespeare
Description: Intensive study of a limited number of plays. Assignment of problems to individual students.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5093 Seminar in Milton
Description: Poetry, major prose and criticism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5120 Studies in Teaching English as a Second Language
Description: Selected topics in teaching English as a second language; e.g. cross-cultural communication, materials preparation, bilingual education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 5123 Approaches to Language Acquisition
Description: An overview of theories of first and second language acquisition.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5130 Studies in English Grammar
Description: Selected study of current topics in grammatical theory as it applies to the teaching of English. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5133 Phonetics and Phonology
Description: Exploration of fundamental aspects of the use of sound in human language.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5140 Seminar in Linguistics
Description: Selective study of current topics in linguistics. May not be used for degree credit with ENGL 4080. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5143 Descriptive Linguistics
Description: An introduction to phonology, morphology, syntax and semantics. May not be used for degree credit with ENGL 4063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5153 Syntax
Description: The study of the principles and rules for constructing phrases and sentences in natural languages.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5163 Middle English Literature
Description: Major works in Middle English.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5173 Sociolinguistics
Description: Introduction to linguistic change and variation in speech communities, focusing on the methods of data collection and analysis. May not be used for degree credit with ENGL 4073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5183 Acoustic Phonetics
Description: An introduction to acoustic phonetics. Students will learn basic principles of the acoustics of speech sounds, develop practical skills in instrumental measurement, and learn how acoustic data can answer questions about sounds and sound patterns in language.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5201 Writing Center Theory and Pedagogy
Description: The study of writing center theory and practice with the goal of application to one-to-one pedagogy.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5210 Sem or Directed Study
Description: Specialized readings or independent studies. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 5213 Composition Theory and Pedagogy
Description: The study of methods and materials for effective one-to-one and one-to-many teaching.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5223 Professional Writing Theory and Pedagogy
Description: The study of the needs of students in technical and professional writing service courses, major approaches to teaching professional writing, and the genres often taught in professional writing service courses.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5243 Teaching English as a Second Language
Description: Materials and methods of second language instruction.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5313 Internship, Teaching English as a Second Language
Description: Supervised teaching of beginning through advanced English as a second language courses.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5333 Second Language Assessment
Description: Introduction to the fundamental principles of second and foreign language assessment, including theories of language testing and practical aspects of developing and using language tests. Topics include test design, construction, administration and scoring, psychometric and measurement concepts, basic statistics, as well as test analysis and reporting.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5340 Studies in Discourse Analysis
Description: Selected topics in the study of language in use in spoken or written contexts. May not be used for degree credit with ENGL 4033. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5353 Studies in the History of Rhetoric
Description: An exploration of selected topics and texts in the history of Western and non-Western rhetoric from the classical period to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5360 Seminar in Screen Studies
Description: The exploration of key aesthetic issues of analysis and evaluation as they pertain to film criticism. Previously offered as ENGL 5463. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English
Additional Fees: English Film, Video fee of $10 applies.

ENGL 5363 Critical Approaches to Screen Studies: Theory and History
Description: Designed to provide students with an overview of fundamental theoretical and historical scholarship in film and television studies.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 5370 Studies in Television and New Media
Description: Exploration of aesthetic, cultural, and ideological aspects of television and new media in the United States and abroad. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 5410 Seminar in British Literature of the 16th Century
Description: Selected writers and their works, themes and literary developments of the 16th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5420 Seminar in British Literature of the 17th Century
Description: Selected writers and their works, themes and literary developments of the 17th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5440 Seminar in British Literature of the 18th Century
Description: Selected writers and their works, themes and literary developments of the 18th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5460 Seminar in British Literature of the 19th Century
Description: Selected writers and their works, themes and literary developments of the 19th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5480 Seminar in Modern Literature
Description: Selected writers and their works, themes and literary developments of modern literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5520 Internship in Professional Writing
Prerequisites: Permission of department.
Description: Supervised work-and-learning experience in writing, editing, document design, and research in the workplace. May not be used for degree credit with ENGL 4523. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5523 Genres in Professional Writing
Description: The study of the current status of genre in professional writing theories and its crucial role in professional writing practices.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5553 Studies in Visual Rhetoric and Design
Description: Advanced study of design and visual rhetorical theory. Practice of theory through guided composing work. May not be used for degree credit with ENGL 4553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5560 Seminar in Professional Writing
Description: Advanced study of selected theories, themes, methods, debates, and developments in professional writing. May not be used for degree credit with ENGL 4530. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5583 Environmental Writing
Description: Consideration of the historical, political, cultural, and ethical contexts of modern environmentalism and examination of the rhetorical strategies in several types of environmental discourse. Major writing project tailored to individual research interests and career goals.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5593 Seminar in Style and Editing
Description: An advanced study of writing style and editing from the sentence level (including diction and grammatical arrangement) to the levels of genres of communication. Writing assignments on style for different audiences. May not be used for degree credit with ENGL 4543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5630 Seminar in Early American Literature
Description: Selected writers and their works, themes and literary developments of the 17th and 18th centuries. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5660 Seminar in American Literature of the 19th Century
Description: Selected writers and their works, themes and literary developments of the 19th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5680 Seminar in Contemporary Literature
Description: Selected writers and their works, themes and literary developments in contemporary literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5693 Research Writing for International Graduate Students
Description: Analysis and practice in the grammar and rhetorical structures specific to writing research papers in the disciplines. Previously offered as ENGL 4893.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5720 Seminar in Creative Nonfiction
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Writing creative nonfiction at the professional level. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5730 Seminar in Fiction Writing
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Writing fiction at the professional level. May not be used for degree credit with ENGL 4630. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5740 Seminar in Poetry Writing
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Writing poetry at the professional level. May not be used for degree credit with ENGL 4640. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5760 Craft and Forms of Prose
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Theory and practice of the prose forms. Previously offered as ENGL 5763. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5780 Craft and Forms of Poetry
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Theory and practice of the poetic forms. Previously offered as ENGL 5723. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 5990 Special Problems
Description: Topical study in various disciplines taught by faculty from the undergraduate colleges for juniors and seniors. May not be used for degree credit with ENGL 4520. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 6000 Doctoral Dissertation
Description: Doctoral dissertation. Offered for variable credit, 1-9 credit hours, maximum of 30 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 6130 Studies in Fiction Writing
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Individual projects in fiction. May not be used for degree credit with ENGL 4630. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 6140 Studies in Poetry Writing
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Individual projects in poetry. May not be used for degree credit with ENGL 4640. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6160 Studies in Creative Nonfiction
Prerequisites: Admission to MFA or PhD in Creative Writing or consent of instructor.
Description: Individual projects in creative nonfiction. May not be used for degree credit with ENGL 4620. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6210 Seminar or Directed Study
Description: Specialized readings or independent studies. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 6220 Seminar in Genre
Description: The development, traditions, concerns or characteristics of genre in selected texts. Major genres and subgenres considered. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 6240 Studies in Literature
Description: Advanced topics in literature and literary research. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: English

ENGL 6250 Seminar in Race and Ethnicity
Description: Study of the complex representation of race and ethnicity in literature. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6260 Studies in Literary Criticism
Description: Selected work in literary criticism, for example ancient and neo-classical, 19th century, 20th century. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6270 Seminar in Region
Description: Study of regional literature or language variation. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6280 Seminar in Gender
Description: Examination of gender as an analytical category in the study of literature, discourse and society. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6350 Topics in Rhetorical Theory
Description: Study of advanced topics in rhetorical theory and research, focusing on an important scholar in the field, a specific theme, or some combination of the two. Previously offered as ENGL 6353. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6360 Seminar in Film and Society
Description: Social conduct and value systems as they affect the role of media in culture. Previously offered as ENGL 6253. Offered for fixed credit, 3 credit hours, maximum of 12 credit hours.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: English

ENGL 6410 Topics in Linguistics
Prerequisites: ENGL 5143.
Description: Study of advanced topics in linguistic theory and research. May not be used for degree credit with ENGL 4080. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6420 Topics in Second Language Acquisition
Prerequisites: ENGL 5243.
Description: Study of topics in second language theory and research. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

ENGL 6500 Topics in Professional Writing
Description: In-depth study of selected topics in professional writing. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: English

Undergraduate Programs

- English, BA (p. 1302)
- English: Creative Writing, BA (p. 1305)
- English: Pre-Law, BA (p. 1308)
- English: Professional Writing, BA (p. 1312)
- English: Screen Studies, BA (p. 1315)

Graduate Programs

The Department of English offers programs leading to the Master of Arts, Master of Fine Arts and the Doctor of Philosophy. Master's students may choose among four programs: Master of Arts in English; Master of Arts in professional writing; and Master of Arts in Teaching English to Speakers of Other Languages (TESOL); and the Master of Fine Arts in Creative Writing. In consultation with their advisory committees, both master's and doctoral students have considerable flexibility in designing a degree that meets their own interests and professional goals. Students may take courses in creative writing, screen studies, professional writing, composition and rhetoric, TESOL, linguistics, literary theory, and all periods of British and American literature. The diversity of choices and the flexibility of the program prepare students to meet the demands of a changing academic marketplace.

Admission Requirements

Students seeking admission to the graduate program in English must be accepted by the Graduate College and by the departmental admission committee. In addition to the application and transcripts required by the Graduate College, students must submit to the Department of English graduate coordinator a statement of purpose; letters of recommendation; and a writing sample or the Graduate Record Examination general and subject area scores. Non-native speakers of English must submit scores on all subtests of the TOEFL iBT or IELTS. For fall admission, the early decision deadline is January 5; the final deadline is March 1. The deadline for spring admission is October 15. The deadline for international students for spring admission is August 1. Prerequisites are listed under each degree below.

Teaching Opportunities

Depending on their levels of experience and areas of emphasis, graduate teaching assistants may tutor in the Writing Center, serve as discussion leaders for selected large lecture classes, or teach their own sections of freshman composition, composition for international students,

technical writing, creative writing, screen studies or literature. All teaching assistants are required to take an appropriate pedagogy course during their first year of teaching.

The Master of Arts Degree

The MA in English allows students to develop expertise in a variety of areas: literature written in English, creative writing, literary theory and criticism, screen studies, composition and rhetoric, professional writing, linguistics and TESOL. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own intellectual interests and prepares them to enter a doctoral program or to teach at the college level. The degree programs in TESOL and professional writing prepare teachers for the bilingual classroom and professional writers for industry.

Prerequisites include a baccalaureate degree with an English major, or at least 24 hours in English (excluding freshman composition). Successful applicants usually have a minimum grade-point average of 3.00 on a 4.00 scale, particularly in English courses.

The MA in English consists of 30 credit hours, including six hours of thesis. In addition to these hours, students must demonstrate reading knowledge of a foreign language, pass the MA qualifying examination, and pass an oral defense of the thesis. The thesis is a work of original research prepared with the guidance of the student's advisory committee. Creative writing students may present as their theses original works in poetry or prose fiction. The programs in professional writing and TESOL have separate degree requirements described below.

Professional Writing

The MA option in professional writing consists of 30 credit hours (with thesis) or 33 credit hours (without thesis). In addition to these hours, students must fulfill the foreign language requirement and pass the MA qualifying examination in technical writing. Prerequisites are the same as those above.

TESOL

The MA option in Teaching English to Speakers of Other Languages is designed to provide students with the skills necessary to teach English to non-native speakers in a variety of situations, e.g., teaching English as a foreign language in an overseas school, college or university; teaching English as a second language to international students studying in intensive English programs in the U.S.; or teaching English to bilingual and bicultural students in American public school systems and adult education programs.

Prerequisites are the same as those above except that the major may be either in English or in a field related to second language acquisition or teaching. In addition, applicants to the TESOL program must have six hours in a foreign language with a grade of "B" or better, or must complete this requirement prior to taking the qualifying examination.

The TESOL program consists of 30 credit hours (thesis option) or 34 credit hours (non-thesis option). In addition to these hours, students must pass the MA qualifying examinations in TESOL.

TESOL is especially relevant to the public school classroom as a result of recent legislation concerning bilingual education. Teachers in English and other areas of expertise will find this program especially useful. The Oklahoma State Board of Education recently approved an "optional certification" for English as a Second Language. Already certified teachers can obtain this certification upon passing the required standardized examination. Several of the courses offered for the TESOL option can prepare students for this examination, although the TESOL option degree does not confer certification.

Certificate in TESOL (Teaching English to Speakers of Other Languages)

The Certificate in TESOL is a program designed to provide students with the skills important for teaching English to non-native speakers in a variety of situations, including teaching English to bilingual/bicultural, English Language Learner (ELL) and Limited English Proficient (LEP) students in public school systems and adult education programs, teaching English as a Second Language to international students studying in English programs in the U.S., and teaching English as a Foreign Language in an overseas school, college or university. The program consists of 12 credit hours, with three required courses and one elective course chosen from a group of courses offered by the Department of English.

Admission to the Certificate Program in TESOL requires a Bachelor of Arts or Bachelor of Science degree from an accredited institution of higher learning, a 3.0 GPA, two letters of recommendation, and, for non-native English speakers, appropriate scores on either the TOEFL iBT or IELTS.

The Master of Fine Arts Degree

The MFA in Creative Writing allows students to focus on developing their abilities as poets and/or fiction writers, through a course of study emphasizing creative writing workshops, literature seminars, and electives in either of those areas or other areas in language and culture. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own artistic and intellectual interests and prepares them to publish their artistic writing, enter a PhD program or teach at the college level.

The MFA in Creative Writing consists of 42 credit hours, including 12 hours of thesis. In addition to these hours, students must present their creative work at a public reading following the completion of their thesis.

Prerequisites include a baccalaureate degree with an English major, or at least 12 hours in English (excluding freshman composition) and writing sample of high quality. Successful applicants usually have a minimum grade-point average of 3.00 on a 4.00 scale, particularly in English courses.

The Doctor of Philosophy Degree

The Department of English grants one doctoral degree, the PhD in English. Students may, however, emphasize in their courses, their exams, and their dissertations a variety of areas: all periods of British and American literature, Native American literature and language, creative writing, literary theory and criticism, screen studies, rhetoric and professional writing, linguistics and TESOL. They may also choose an interdisciplinary emphasis. In consultation with their advisory committees, students devise an individualized curriculum that reflects their own intellectual interests and professional goals.

Prerequisites include a master's degree in English or a field related to the student's area of emphasis. Successful applicants usually have a minimum grade-point average of 3.50 on a 4.00 scale in their master's degrees. All PhD students are admitted provisionally and must take the first-year examination during their second semester of enrollment.

The PhD degree consists of 60 credit hours beyond the master's degree. Fifteen to 20 of these hours are devoted to the dissertation. In addition to these hours, students must demonstrate reading knowledge of a foreign language; pass the PhD qualifying examination in two areas; and pass an oral defense of the dissertation. The dissertation is a work of original research prepared under the direction of the dissertation committee. Creative Writing students may present as their dissertations original works in poetry or prose fiction.

Additional information and requirements may be found in the English Graduate Guidelines, which may be consulted online at: https://cas.okstate.edu/english/graduate_studies/graduate_guidelines.html. (https://cas.okstate.edu/english/graduate_studies/graduate_guidelines.html)

Certificates

- Publishing and Editing, UCRT (p. 1321)
- Teaching English to Speakers of Other Languages, UCRT (p. 1323)

Minors

- African American and Africana Studies (AFAA), Minor (p. 1299)
- Creative Writing (CRWR), Minor (p. 1300)
- English (ENGL), Minor (p. 1301)
- Gender, Women's and Sexuality Studies (GWS), Minor (p. 1318)
- Linguistics (LING), Minor (p. 1319)
- Professional Writing (PRWR), Minor (p. 1320)
- Screen Studies (SCST), Minor (p. 1322)

Faculty

Jeff Menne, PhD—Professor and Head
Regents Professors: Edward Jones, PhD; Timothy Murphy, PhD (Houston-Truax-Wentz Professor)
Professors: An Cheng, PhD; Richard Frohock, PhD; Lisa Lewis, PhD; Carol Moder, PhD; Aimee Parkison, MFA; Stacy Takacs, PhD
Associate Professors: Sarah Beth Childers, MFA; Lisa Hollenbach, PhD; Stephanie Link, PhD; Reva Sias, PhD; Nicole Tracy-Ventura, PhD; Graig Uhlin, PhD
Assistant Professors: Michael Amory, PhD; Kathleen Burns, PhD; Stephanie Choi, PhD; Shelby Johnson, PhD; Gene Kwak, MFA; Reanae McNeal, PhD; Chelsea Silva, PhD; Lindsay Wilhelm, PhD

African American and Africana Studies (AFAA), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.5 with no grade below "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
AFAM 1113	Introduction to Africana Studies (DH)	3
Select 15 hours of the following:		15
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2523	Black Political Thought (DH)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 3343	Black Psychology (DS)	
AFAM 3523	Course AFAM 3523 Not Found	
AFAM 3753	African American Arts and Culture (DH)	
AFAM 3950	Special Topics in Africana Studies	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
AFAM 4543	Race Theory	
AFAM 4980	Research in Africana Studies	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3193	African-American Literature (DH)	
GEOG 3763	Africa (GS)	
GWST 3613	Race and Reproduction in the U.S. (D)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 3123	The History of Modern Africa (GH)	
HIST 3503	Medieval Islamic History (H)	
HIST 3773	The American South to 1860	
HIST 4173	Black Intellectual History (DH)	
MGMT 4213	The Fair Workplace (D)	
NSCI 2112	Foods of the African Diaspora: Chronology, Evolution and Impact	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Jr., Malcolm X, & Philosophy of Race (DH)	
POLS 3163	African Politics (G)	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
PSYC 3343	Black Psychology (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
Other courses may apply with permission of the faculty coordinator.		
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Creative Writing (CRWR), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA for minor courses: 3.0
Total Hours: 15

Code	Title	Hours
Course Requirements		
ENGL 2513	Introduction to Creative Writing (H)	3
Select 12 hours upper-division from the following:		12
ENGL 3030	Fiction Writing	
ENGL 3040	Poetry Writing	
ENGL 3060	Creative Nonfiction Writing	
ENGL 4630	Advanced Fiction Writing	
ENGL 4640	Advanced Poetry Writing	
ENGL 4620	Advanced Creative Nonfiction Writing	
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

English (ENGL), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clarissa Bonner, 209 MOR, 405-744-6146

Minimum Grade Point Average in Minor Coursework: 3.00 with no grade below "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
18 hours ENGL, at least 9 of which must be upper-division [1]		18

[1] Exclusive of Freshman Composition

Choose from ENGL (p. 1280) courses.

Requirements

- A minimum of 9 hours must be taken at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

English, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Core Introductory Courses		
Choose 6 hours from core introductory courses:		6
ENGL 2233	Writing as a Profession (H)	
ENGL 2243	Language, Text and Culture (GH)	
ENGL 2413	Exploring Literature (DH)	
ENGL 2453	Introduction to Film and Television (H)	
ENGL 2513	Introduction to Creative Writing (H)	
English Electives:		
Choose 24 hours of ENGL electives, with no more than 6 hours of 2000-level courses and at least 6 hours of 4000-level courses		24
Choose an additional 15 hours of upper-division courses, with at least 6 hours from the following areas of study: AFAM, AMIS, AMST, ANTH, ART, CS, CDIS, CIED, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GWST, HIST, MUSI, PHIL, POLS, PSYC, REL, SOC, SPCH, TH**		15
Hours Subtotal		**45**
Electives		
Choose 13 hours of free electives		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
Hours Subtotal		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.50 in all ENGL courses and a minimum grade of "C' in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic

Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**

a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2543 or ENGL 2653 or ENGL 2773 or ENGL 2883 or ENGL 2963	Survey of British Literature I (H) or Survey of British Literature II (H) or Survey of American Literature I (H) or Survey of American Literature II (DH) or Survey of Postcolonial and Indigenous Literatures (GH)	3
General Education courses		10
	Hours	**16**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2653 or ENGL 2543 or ENGL 2773 or ENGL 2883 or ENGL 2963	Survey of British Literature II (H) or Survey of British Literature I (H) or Survey of American Literature I (H) or Survey of American Literature II (DH) or Survey of Postcolonial and Indigenous Literatures (GH)	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
ENGL 3243	Literary Theory and Criticism	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3

Major, College, and Elective courses	12
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Senior	
Fall	
Major, College, and Elective courses	15
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Total Hours	**120**

English: Creative Writing, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
ENGL 2513	Introduction to Creative Writing (H)	3
ENGL 2883	Survey of American Literature II (DH)	3
Select 3 additional non-English hours		3
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Core Introductory Courses		
ENGL 2413	Exploring Literature (DH)	3
Choose 3 additional hours from course introductory courses:		3
ENGL 2233	Writing as a Profession (H)	
ENGL 2243	Language, Text and Culture (GH)	
ENGL 2453	Introduction to Film and Television (H)	
Additional Core Courses:		
ENGL 3343	Reading Poetry	3
Creative Writing Electives:		
Choose 3 credit hours from lower-division courses:		3
ENGL 2653	Survey of British Literature II (H)	
ENGL 2773	Survey of American Literature I (H)	
ENGL 2963	Survey of Postcolonial and Indigenous Literatures (GH)	
Choose 6 select hours from the following:		6
ENGL 3333	Short Story (H)	
ENGL 3363	Readings in Drama (H)	
ENGL 3373	Readings in Nonfiction	
ENGL 3383	Readings in Narrative	
ENGL 3410	Readings in Popular Fiction	
ENGL 3413	Science Fiction (H)	
or AMST 3413	Science Fiction (H)	
ENGL 3083	Global Approaches to Ecological Storytelling (G)(H)	
ENGL 3113	Science, Literature, and Culture (H)	
or AMST 3113	Science, Literature, and Culture (H)	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3170	Readings in Literature and Other Disciplines	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3353	Film and Literature	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
or AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
or AMST 3503	Television and American Society (DH)	
ENGL 3813	Readings in the American Experience (DH)	
or AMST 3813	Readings in the American Experience (DH)	
ENGL 4093	Language in America (DS)	

ENGL 4230	Literature of Diversity	
ENGL 4340	Studies in Postcolonial and Multi-ethnic Literature	
ENGL 4400	Studies in Regional Literature	
Workshop Courses:		
Choose 18 hours from the following (each course can be taken multiple times, please see course catalog for specific details)		18
ENGL 3030	Writing the Short Story (F) (3 hours)	
ENGL 3040	Poetry Writing: Free Verse and Formal (F) (3 hours)	
ENGL 3060	Writing Flash Nonfiction (F) (3 hours)	
ENGL 4620	Creative Nonfiction: Writing Memoir and the Personal Essay (3 hours)	
ENGL 4630	Writing the Novel (3 hours)	
ENGL 4640	Poetry Writing: Lyric and Narrative (3 hours)	
Additional ENGL Electives:		
Choose 9 hours of upper-division ENGL electives		9
Hours Subtotal		**45**
Electives		
Choose 13 hours of free electives		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
Hours Subtotal		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.50 in all ENGL courses and a minimum grade of "C' in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2513	Introduction to Creative Writing (H)	3
General Education courses		10
	Hours	**16**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2883 or ENGL 2773 or ENGL 2543 or ENGL 2653 or ENGL 2963	Survey of American Literature II (DH) or Survey of American Literature I (H) or Survey of British Literature I (H) or Survey of British Literature II (H) or Survey of Postcolonial and Indigenous Literatures (GH)	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
General Education courses		12
	Hours	**15**
Spring		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

English: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
3 hours MATH or STAT designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
ENGL 2233	Writing as a Profession (H)	3
ENGL 2773	Survey of American Literature I (H)	3
Select 3 additional hours of H designations		3
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division English courses with a minimum grade of "C" in each course		
Core Introductory Courses		
Choose 6 hours from core introductory courses:		6
ENGL 2243	Language, Text and Culture (GH)	
ENGL 2413	Exploring Literature (DH)	
ENGL 2453	Introduction to Film and Television (H)	
ENGL 2513	Introduction to Creative Writing (H)	
Additional Core Courses		
ENGL 3243	Literary Theory and Criticism	3
ENGL 4013	English Grammar	3
Pre-Law Electives		
Choose 6 hours of the following:		6
ENGL 4033	Discourse Analysis	
ENGL 4093	Language in America (DS)	
ENGL 4183	Forensic Linguistics	
ENGL 4530	Studies in Professional Writing	
ENGL 4543	Style and Editing	
Choose 3 hours of the following Cultural Studies courses		3
ENGL 3083	Global Approaches to Ecological Storytelling (G)(H)	
or AMST 3113	Science, Literature, and Culture (H)	
ENGL 3103	Course ENGL 3103 Not Found	
ENGL 3113	Science, Literature, and Culture (H)	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3170	Readings in Literature and Other Disciplines	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3273	YouTube and Online Communities (H)	
ENGL 3293	Media and the Environment (H)	
ENGL 3353	Film and Literature	
ENGL 3463	History of International Film (GH)	
or AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
or AMST 3503	Television and American Society (DH)	
ENGL 3503	Television and American Society (DH)	
or AMST 3813	Readings in the American Experience (DH)	
ENGL 3813	Readings in the American Experience (DH)	
ENGL 4003	History of the English Language	
ENGL 4073	Introduction to Sociolinguistics	

ENGL 4180	Internship in TESL	
ENGL 4230	Literature of Diversity	
ENGL 4340	Studies in Postcolonial and Multi-ethnic Literature	
ENGL 4400	Studies in Regional Literature	
ENGL 4450	Culture and the Moving Image	
Choose a minimum of 6 additional upper-division ENGL hours		6
Choose 15 non-ENGL courses from the following list or other courses with advisor approval. At least 12 credits should be upper-division. *, **		15
AFAM 4543	Race Theory	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 4103	The Death Penalty in America (S)	
FREN 3343	Business French	
GEOG 3133	Political Geography (GS)	
GRMN 3343	Business German	
GRMN 3813	Advanced Writing Skills	
GWST 3523	Gender and Religion Across Cultures (H)	
GWST 3913	Gender, Violence & Justice (D)	
HIST 3703	Oklahoma History (DH)	
HIST 3883	History of Drugs (H)	
HIST 4513	Economic History of the US (S)	
HTM 3113	People-Centric Business Skills	
LL 3663	Surveillance, Data, and Hacking in German Film and Television (H)	
LSB 1113	Law in Society	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4013	Law and Social Media	
LSB 4423	Employment Law (D)	
LSB 4523	Law of Real Property	
LSB 4633	Legal Aspects of International Business Transactions (G)	
MC 4163	Mass Communication Law	
PHIL 1313	Logic and Critical Thinking (Q)	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3513	Social & Political Philosophy (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying and the Power of Organized Interests	
POLS 3613	State and Local Government	
POLS 3963	State Courts and the Bar	
POLS 3983	Courts and Judicial Process	
POLS 3993	Legal Research And Analysis	
POLS 4333	Improving Democracy (S)	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
PSYC 4293	Forensic Psychology	
REL 4213	Understanding Global Islam (GH)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology	
SOC 4453	Environmental Inequality (S)	
SOC 4573	Victimology	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SPAN 3343	Business Spanish	
SPAN 4413	Advanced Stylistics	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPCH 3733	Elements of Persuasion (S)	
SPCH 3743	Advanced Public Speaking	
SPCH 4753	Intercultural Communication (G)	
SPCH 4793	Nonverbal Communication (S)	
Electives		
• With approval from the advisor, other non-ENGL courses may be substituted in this list		16

** With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law program may be substituted for these areas electives and outside the department courses.

May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
Hours Subtotal	**58**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.50 in all ENGL courses and a minimum grade of "C' in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2543 or ENGL 2773	Survey of British Literature I (H) or Survey of American Literature I (H)	3
General Education courses		10
	Hours	**16**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2773 or ENGL 2543	Survey of American Literature I (H) or Survey of British Literature I (H)	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
ENGL 3243	Literary Theory and Criticism	3
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		6
	Hours	**15**

Spring		
ENGL 3343	Reading Poetry	3
1813 Second Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

English: Professional Writing, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
ENGL 2233	Writing as a Profession (H)	3
ENGL 3323	Technical Writing	3
Arts & Humanities		
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**19**
Major Requirements		
Core Introductory Courses		
ENGL 2243	Language, Text and Culture (GH)	3
Choose 3 additional hours from core introductory courses:		3
ENGL 2413	Exploring Literature (DH)	
ENGL 2453	Introduction to Film and Television (H)	
ENGL 2513	Introduction to Creative Writing (H)	
Additional Core Courses		3
ENGL 3223	Professional Writing Theory	3
ENGL 4530	Studies in Professional Writing	3
ENGL 4543	Style and Editing	3
ENGL 4553	Visual Rhetoric and Design	3
Professional Writing Electives		
Choose 9 hours of the following (at least 6 hours must be upper division):		9
ENGL 2143	Course ENGL 2143 Not Found (Critical AI Literacy)	
ENGL 2253	Theory and Practice of Digital Studies	
ENGL 3023	Course ENGL 3023 Not Found (Foundations of Applied Linguistics)	
ENGL 3063	Introduction to Linguistics: Exploring Human Language	
ENGL 3203	Advanced Composition	
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4093	Language in America (DS)	
ENGL 4573	Games and Writing	
ENGL 4583	Writing for the Public	
ENGL 4593	Writing Across the Disciplines	
English Electives		
Select 15 hours of additional upper-division ENGL Electives		15
Hours Subtotal		**45**
Final Capstone Course		
ENGL 4523	Professional Writing Internship	3
Electives		
Select 13 hours		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.50 in all ENGL courses and a minimum grade of "C' in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2233	Writing as a Profession (H)	3
General Education courses		9
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
General Education courses		12
	Hours	**15**

Sophomore	
Fall	
1713 First Semester Foreign Language	3
General Education courses	12
Hours	**15**
Spring	
1813 Second Semester Foreign Language	3
General Education courses	12
Hours	**15**
Junior	
Fall	
2000-level Foreign Language	3
Major, College, and Elective courses	12
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Senior	
Fall	
Major, College, and Elective courses	15
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Total Hours	**120**

English: Screen Studies, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
ENGL 2453	Introduction to Film and Television (H)	3
Select 6 additional Arts and Humanities		6
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Core Introductory Courses		
Select 6 hours from core introductory courses:		6
ENGL 2233	Writing as a Profession (H)	
ENGL 2243	Language, Text and Culture (GH)	
ENGL 2413	Exploring Literature (DH)	
ENGL 2513	Introduction to Creative Writing (H)	
Additional Core Courses:		
ENGL 3433	Introduction to Television Studies (H)	3
ENGL 3453	History of American Film (H)	3
ENGL 3463	History of International Film (GH)	3
Film & TV Studies Electives		
Choose at least 12 hours from:		12
ENGL 3263	Film & TV Criticism	
ENGL 3273	YouTube and Online Communities (H)	
ENGL 3293	Media and the Environment (H)	
ENGL 3353	Film and Literature	
ENGL 3440	Studies in Film Genre	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
or AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
or AMST 3503	Television and American Society (DH)	
ENGL 3853	Course ENGL 3853 Not Found (Film & TV Industries)	
ENGL 4263	Moving Image Aesthetics (H)	
ENGL 4450	Culture and the Moving Image	
Senior Seminar Options		
ENGL 4493	Course ENGL 4493 Not Found	3
or HONR 4993	Honors Creative Component	
Additional Major Electives		
Choose 15 hours of upper-division ENGL		15
Electives		
Choose 13 hours of free electives		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
Hours Subtotal		**58**
Hours Subtotal		
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.50 in all ENGL courses and a minimum grade of "C' in each ENGL course (excluding English Composition and free electives).
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
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   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
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Finish in Four Plan of Study

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Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
ENGL 2453	Introduction to Film and Television (H)	3
General Education Courses		10
	Hours	**16**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
ENGL 2543 or ENGL 2653	Survey of British Literature I (H) or Survey of British Literature II (H)	3

General Education Courses	8
Hours	**14**
Sophomore	
Fall	
1713 First Semester Foreign Language	3
General Education Courses	12
Hours	**15**
Spring	
1813 Second Semester Foreign Language	3
Major, College, and Elective courses	12
Hours	**15**
Junior	
Fall	
2000-level Foreign Language	3
Major, College, and Elective courses	12
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Senior	
Fall	
Major, College, and Elective courses	15
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Total Hours	**120**

Gender, Women's and Sexuality Studies (GWS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 15

Code	Title	Hours
Minor Requirements		
GWST 2113	Transnational Women's Studies (S)	3
or GWST 2123	Introduction to Gender Studies (DH)	
GWST 4113	Feminist Theories	3
or GWST 4503	Theorizing Men and Masculinities	
Select 6 hours from classes focusing on gender and women:		6
GWST 3450	Topics in Gender Studies	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4013	Approaches to Feminist Research	
GWST 4333	History of Sexuality in the United States (D)	
or HIST 4333	History of Sexuality in the United States (D)	
GWST 4413	Sex & Gender in the Medieval World	
GWST 4503	Theorizing Men and Masculinities	
GWST 4950	Special Topics in Global Feminism	
GWST 4890	Internship in Gender and Women's Studies	
GWST 4990	Directed Readings in Gender Studies	
AFAM 3950	Special Topics in Africana Studies	
AMST 4553	Gender in America (DH)	
ART 4693	Gender And Visual Culture	
ENGL 3153	Readings in Literature by Women (DH)	
HIST 3443	Gender Relations in Chinese History (H)	
HIST 4413	Sex and Gender in the Medieval World (H)	
HIST 4553	Gender in America (DH)	
HONR 3053	Biology, Race, and Gender: Honors (DH)	
POLS 4693	Gender and Politics	
PSYC 4123	Psychology of Women (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (IS)	
and other suitable feminist and gender topics courses by petition.		
3 hours from classes in the list above or below that complement gender and women's studies:		3
AMST 3423	American Popular Culture (H)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3653	The Body in American Culture (DH)	
AMST 3823	U.S. as Business Culture (DH)	
AMST 3950	Special Topics in American Studies (DH)	
ART 4613	Art Since 1960	
BIOL 3233	Human Reproduction	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
EEE 3033	Women and Minority Entrepreneurship	
HIST 3683	United States History Since 1945 (DH)	
HIST 3913	History of Medicine (H)	
HONR 2073	The Story of Lizzie Borden: Axe Murder in American Culture (DH)	
MGMT 4213	Managing Diversity in the Workplace (D)	
PHIL 3813	American Philosophy (H)	
PHIL 3833	Biomedical Ethics (H)	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
PSYC 2593	Psychology of Human Sexuality	
SOC 4153	Sociology of Health and Illness	
SOC 4723	Sociology of Families (S)	
TH 3633	Diverse American Drama (DH)	
and other suitable complementary topics courses focused on gender, sexuality, feminism, or intersectionality by petition.		
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Linguistics (LING), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clarissa Bonner, 209 Morrill Hall, 405-744-6146

Minimum Overall Grade Point Average: 2.50
Total Hours: 15

Code	Title	Hours
Minor Requirements		
ENGL 3063	Introduction to Linguistics: Exploring Human Language	3
Select 12 hours of the following:		12
ENGL 1143	Talking Tech: Language, AI, and the Digital World	
ENGL 1443	Course ENGL 1443 Not Found	
ENGL 2013	Course ENGL 2013 Not Found	
ENGL 2143	Course ENGL 2143 Not Found	
ENGL 2243	Language, Text and Culture (GH)	
ENGL 2443	Languages of the World (GS)	
ENGL 3023	Course ENGL 3023 Not Found	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
ENGL 4023	Course ENGL 4023 Not Found	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
ENGL 4363	Course ENGL 4363 Not Found	
ENGL 4373	Course ENGL 4373 Not Found	
CDIS 2223	Speech and Language Development	
CDIS 3313	Phonetics	
PSYC 4343	Language Development (S)	
PHIL 3003	Symbolic Logic (Q)	
PHIL 4543	Philosophy of Language	
Total Hours		**15**

Other Requirements

- 9 hours must be upper-division.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Professional Writing (PRWR), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA: 3.0 GPA
Total Hours: 15

Code	Title	Hours
Course Requirements		
Select three hours from the following lower-division:		3
ENGL 2233	Writing as a Profession (H)	
ENGL 2253	Theory and Practice of Digital Studies	
Select 12 hours from the following upper-division:		12
ENGL 3223	Professional Writing Theory	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4543	Style and Editing	
ENGL 4583	Writing for the Public	
ENGL 4530	Studies in Professional Writing	
ENGL 4573	Games and Writing	
ENGL 4593	Writing Across the Disciplines	
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Publishing and Editing, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 18

Code	Title	Hours
This is an 18 hour certificate.		
Course Requirements		
To complete this certificate, students are required to take one of the following courses:		3
ENGL 4013	English Grammar	
ENGL 4543	Style and Editing	
Select 15 additional hours from any combination of the following:		15
ENGL 2513	Introduction to Creative Writing (H)	
ENGL 3030	Writing the Short Story (F)	
ENGL 3040	Poetry Writing: Free Verse and Formal (F)	
ENGL 3060	Writing Flash Nonfiction (F)	
ENGL 3323	Technical Writing	
ENGL 4523	Professional Writing Internship	
ENGL 4620	Creative Nonfiction: Writing Memoir and the Personal Essay	
ENGL 4630	Writing the Novel	
ENGL 4640	Poetry Writing: Lyric and Narrative	
ENGL 2890	Honors Experience in English	
Total Hours		**18**

For additional information on this program, please contact Aimee Parkison, English Department, 205 Morrill Hall, 405-744-9474.

Screen Studies (SCST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum GPA for Minor Courses: 3.0 GPA
Total Hours: 15

Code	Title	Hours
Course Requirements		
Lower Division		
ENGL 2453	Introduction to Film and Television (H)	3
Upper Division (Non-Repeating)		
Select 12 hours from the following:		12
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
or ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3503	Television and American Society (DH)	
ENGL 3263	Film & TV Criticism	
ENGL 3353	Film and Literature	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	
ENGL 3463	History of International Film (HI)	
ENGL 4350	Contemporary International Cinema	
ENGL 4450	Culture and the Moving Image	
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Teaching English to Speakers of Other Languages, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 15

Code	Title	Hours
ENGL 4013	English Grammar	3
ENGL 4043	Teaching English to Speakers of Other Languages	3
ENGL 4180	Internship in TESL	3
or CIED 4450	Internship in Elementary Education	
or CIED 4720	Internship in the Secondary Classroom	
Select six credit hours from:		6
ENGL 1143	Talking Tech: Language, AI, and the Digital World	
ENGL 1443	Course ENGL 1443 Not Found	
ENGL 2013	Course ENGL 2013 Not Found	
ENGL 2143	Course ENGL 2143 Not Found	
ENGL 2243	Language, Text and Culture (GH)	
ENGL 2443	Languages of the World (GS)	
ENGL 3023	Course ENGL 3023 Not Found	
ENGL 4003	History of the English Language	
ENGL 4023	Course ENGL 4023 Not Found	
ENGL 4033	Discourse Analysis	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4080	Studies in Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
ENGL 4363	Course ENGL 4363 Not Found	
ENGL 4373	Course ENGL 4373 Not Found	
ENGL 4520	Problems in English	
CIED 4133	Introduction to K-12 English Language Learners	
or CIED 4103	Introduction to English Learners for Early Childhood and Elementary Teachers	
Total Hours		**15**

For additional information on this program, please contact Dr. Nicole Tracy-Ventura, English Department, 205 Morrill Hall, 405-744-6236, or Dr. Steph Link, English Department, 205AA Morrill Hall, 405-744-9475.

Geography

The Department of Geography offers degrees in Global Studies, Geospatial Information Science as well as Geography. If you are seeking a flexible major, want to help solve social and environmental challenges, enjoy traveling, like maps, or are curious about different ways of life, our degree options might be a great fit for you.

Our students share interests in global perspectives and environmental issues, enjoy exploring new places, and want to learn more about making and using maps to inform public policy, for example. Majoring in Geography, Global Studies, or Geospatial Information Science can open doors to a wide variety of career options. Undergraduates also have the opportunity to conduct in research with a faculty mentor, gain work experience through an internship, or participate in a study abroad.

Geography brings together the study of people, the environment, and the interactions between them in order to understand and improve our world.

- Human geographers tend to focus on local, national, and global flows of ideas and practices. They may emphasize the study of migration, voting patterns, travel behavior within cities, or how the use of social media varies from one region to another, for example.
- Physical geographers seek to understand environmental processes that affect air and water quality, biodiversity, or contribute to natural disasters.
- Human-environment geographers work at the intersection of social and natural dynamics to study the climate impacts of human activities, to understand vulnerability to drought or other natural hazards, or to design and plan sustainable cities, for example.
- Through the use of Global Positioning System (GPS) data, drone- and satellite-based imagery, and geographic information systems (GIS), geographers map, monitor, and analyze environmental change in order to understand how our world is changing, where, and who is affected.
- Geography spans the sciences, social sciences, and humanities. Much of the work that geographers do is inherently interdisciplinary in scope.

Many careers are available to the geography major. Recent graduates have been employed in the public and private sector in jobs involving urban and regional planning, GIS mapping and analysis for oil and gas projects, community development, locational analysis for business and industry, resource planning and management, the Foreign Service, cartography, and teaching. Geography provides an excellent foundation for a career in business, industry, or government.

The department specializes in three areas:

- nature-society dynamics, including resource management,
- cultural and historical geography, and
- geographic information science, including unmanned aerial systems.

The department also manages Cartography Services, the Center for Applications of Remote Sensing, three GIS labs, a palynology/paleoecology laboratory, field mapping equipment such as Global Positioning System receivers, and an interactive weather analysis system with satellite data feed.

The Department of Geography offers flexible degree options and certificates, including the following:

- BA/BS in Geography (with Business Essentials, Pre-Law, and Pre-Ministry options)
- BA in Global Studies (with Business Essentials, Pre-Law, and Pre-Ministry options)
- BS in Geospatial Information Science
- Certificate in GIS (undergraduate and graduate)
- Certificate in Environmental Studies (undergraduate)

Undergraduates also have the opportunity to participate in an accelerated master's program ("4+1" degree) in which they can earn the BA in Global Studies in four years and the MS in Global Studies in their fifth year. An advanced program leading to the MS and PhD degrees is also available. The department also sponsors students in the interdisciplinary MS and PhD programs in environmental science.

Global Studies

Global Studies combines the study of world regions with cultural, environmental, economic, political and other facets of globalization and global change. Global studies offers practical and vital knowledge about the world, how it works and why it is changing. Faculty in Geography who teach in the Global Studies program have extensive experience with research, teaching, and study abroad in the Americas, Europe, Africa, Australia, Central Asia, and the Middle East.

A Global Studies degree prepares students for both international and domestic careers with the federal government and a wide variety of NGOs, charitable organizations, and other agencies involved in different aspects of regional and global development. The ongoing growth and global expansion of Christian missions, many of which originate and are coordinated by Oklahoma-based churches and charities, will benefit from students with a degree in Global Studies. It is also an ideal second major for many other degree programs both within and beyond A&S (e.g. Foreign Languages, Political Science, International Business, International Agriculture). Students with a Global Studies degree can serve the needs of Oklahoma, the nation and the world by joining a workforce of globally minded people who can easily function in a world that is increasingly interconnected.

Geospatial Information Science

Driven by technological innovations and an explosion in the availability of spatial information, geospatial technologies including geographic information systems (GIS), the Global Positioning System (GPS) and remote sensing have introduced revolutionary ways to utilize spatial information. The BS degree in geospatial information science (GISci) provides students with a theoretical and applied foundation in the rapidly growing field of GISci. The program is especially relevant to students interested in cultural and natural resource management, agriculture, planning and the environment.

The importance of GISci is underscored by a growing number of jobs emphasizing or entirely focused on the storage, analysis and visualization of geospatial data. A student who earns the BS in Geospatial Information Science at OSU will be well-versed in general GISci knowledge and will have competency utilizing GISci hardware and software for the planning, development and maintenance of spatial and nonspatial databases. Most important, students who complete the BS will have higher order skills involving the analysis of geospatial data and will be capable of communicating findings with larger audiences. Requirements for the proposed BS have been designed to parallel skills needed by GISci professionals. Upon earning the BS, a student will be proficient in spatial data capture, data representation,

spatial data analysis, GISci theory, and GISci project development and implementation. Students can expect to find occupations in a variety of fields in private industry, government, education and agriculture.

Since the early 1990s the OSU Geography Department has distinguished itself in GISci instruction and research. In 1996 the Department launched the state's first Certificate in Geographic Information Systems and in subsequent years has expanded GISci course offerings to address growing student interest and demand. The Department is well-known nationally and internationally for research involving the integration of GISci within farm-level decision-making, for scholarship involving human patterns and processes tied to cultural and historical landscapes and for research involving communications and transportation systems. Faculty in the Department have been highly successful in obtaining extramural support for GISci research and extension activities from organizations ranging from the National Science Foundation to the National Park Service, U.S. Department of State, Oklahoma Historical Society, and Oklahoma Department of Transportation. Faculty in the Department have also worked to improve STEM education in Oklahoma schools through projects such as a $1.2 million grant from the National Science Foundation that introduced GISci activities in 6th through 12th grade science classrooms. The Department's international outreach efforts tied to geospatial technologies include a training partnership involving faculty and students in Vietnam and a multi-year project aimed at building Iraq's GISci infrastructure.

Certificate in Environmental Studies (EVST)

Environmental Studies is an interdisciplinary field that emphasizes human-environment interactions and spans the humanities, social sciences, and sciences. The certificate is open to all undergraduate majors and is designed to fit within most four-year degree plans without the need for additional credit hours. The certificate is awarded upon completion of the bachelor's degree and requires the completion of 17 credit hours. Lower-division requirements include ENVR 1113 and either GEOG/GEOL 1022 (N) or GEOG/GLST 2002 (N). Upper-division requirements include a single core course, GEOG 4233 Human Dimensions of Global Environmental Change, plus three others (nine credit hours) from a wide variety of courses.

Completion of the certificate indicates that a student has developed a knowledge base about environmental processes combined with the study of human cultural interactions with the natural world from the perspectives of history, political science, art, psychology, philosophy, literature, economics, and other disciplines. The certificate is ideal for students whose interests span the humanities, social sciences, and natural sciences. The undergraduate Certificate in Environmental Studies recognizes students who complete their degrees with a notable share of courses emphasizing the study of the natural environment and how societies interact with nature.

Certificate in Geographic Information Systems (GIS)

The Certificate in GIS provides students with broad exposure to principles and applications of GIS. Requirements for the certificate are designed to parallel skills needed by GIS professionals. Student earning the certificate are proficient in general GIS theory and have knowledge and practical exposure to the following:

- hardware and software used in GIS and spatial data collection,
- design and management of spatial and non-spatial databases,
- spatial analysis and/or GIS programming, and
- representation of data in both mapped and tabular form.

The certificate program is offered at both the undergraduate (GIS, CRT) and graduate (GIS, GCRT) levels. Admission into the undergraduate certificate program is open to any undergraduate or special (non-degree seeking) students at OSU, while admission into the graduate certificate program is open to any graduate students. To receive a certificate in GIS, a student must complete a set of coursework in GIS and related topics and hold a bachelor's or more advanced degree from OSU or an accredited college. Students may work toward a certificate while completing their bachelor's or graduate degrees.

For more information about the Department of Geography, its programs or certificates, please visit https://geog.okstate.edu/ or contact us at 405-744-6250.

Courses

GEOG 1022 Climate Change and Humanity (N)
Description: Focus on the development of scientific inquiry and critical thinking skills needed to evaluate complex relationships among climate, energy production, and the environment. Students will explore causes and consequences of climate change and consider climate change science from alternative perspectives. Same course as GEOL 1022.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Natural Science Reasoning

GEOG 1113 Introduction to Cultural Geography (GS)
Description: Surveys the principles of human geography by exploring the world's diverse patterns of culture and associated cultural landscapes. Examination of global patterns of population; language; religion; ethnic, national, and sexual identities; the development of regions, cities, and industry; food production and environmental change, especially as they are affected by globalization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 1114 Introduction to Physical Geography (LN)
Description: Study of the atmosphere, hydrosphere, lithosphere, and biosphere-the major realms that interact to create Earth's environmental patterns. Human-environmental interactions are emphasized as the environment affecting people and people affecting the environment. The lab rounds out knowledge in course themes through hands on study of maps, GPS, and environmental processes.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning
Additional Fees: GEOG 1114 Field Trip fee of $50 applies.

GEOG 1713 Regions & Nations in Global Context (GS)
Description: A regional approach to the study of human societies and the makeup of nations around the world, with an emphasis on contemporary issues such as climate change, sustainability and other environmental impacts; population and immigration; cultural, religion and language; and economic characteristics such as wealth disparities, poverty and education. This course covers many distinct world regions in each region such as Europe, Latin America, the Middle East and Southeast Asia. Previously offered as GEOG 2253. Same course as GLST 1713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 2002 Global Sustainability (N)
Description: This course examines questions of sustainability and sustainable development in a global context from environmental, social, and economic perspectives. Emphasis is placed on how different dimensions of sustainability interact, and how those interactions are shaped by regional context in a globalized world. Through discussion of policy and current environmental issues around the world, students will learn to analyze relationships and tradeoffs between humans and their environment. Same course as GLST 2002.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Natural Science Reasoning

GEOG 2103 Global Perspectives (GS)
Description: Introduces students to the cultural, economic, and political aspects of globalization and global issues. Emphasizes the relationship between tradition and change, the interconnectedness of people, places, and institutions, aspects of social and economic development, and the evolving role of technology in creating and sustaining a globalized world. Also introduces students to possible career options. Same course as GLST 2103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 2344 Digital Tools for Environmental Problem-Solving (LN)
Description: This course provides an introduction to some cool tools for environmental problem-solving. These tools mainly include the Global Positioning System (GPS), geographic information systems (GIS), and remote sensing, also referred to as geospatial technologies. With a combination of lectures and hands-on exercises, students will become familiar with the fundamentals of these cool tools, and their applications in the environment such as in public health, climate change, water resource, food security, disaster assessment and recovery, deforestation.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

GEOG 2890 Honors Experience in Geography
Prerequisites: Honors Program participation and concurrent enrollment in a designated GEOG course.
Description: A supplemental Honors experience in Geography to partner concurrently with designated Geography courses (GEOG 1113, 1114, and 1713). This course adds a different intellectual dimension to the designated courses. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Honors Credit

GEOG 3023 Climatology (N)
Description: A non-quantitative introduction to characteristics and distributions of long-term patterns in the atmosphere. Patterns and associations of temperature, precipitation, pressure and winds. Physical processes, regional climates of Earth, climate change, and applications of climate to agriculture, industry, and other human activities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Natural Science Reasoning

GEOG 3033 Meteorology (N)
Description: A non-quantitative introduction to weather. Physical elements that cause and influence the atmosphere over the short term. Energy, moisture, and storms. Interpretation of weather maps and satellite imagery.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Natural Science Reasoning

GEOG 3053 Introduction to Central Asia Studies
Description: A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GLST 3053, HIST 3053, POLS 3053 & RUSS 3053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 3063 Economic Meteorology
Description: Economic impact of weather ranging from consumer spending to agriculture and energy commodity markets. Specific weather events, and their associated economic impact, weather and climate forecasting and methods for eliminating weather risk.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 3093 Historical Geography of North America to 1800 (H)
Description: This course is an examination of the cultural geography of colonial North America from the earliest European contact with Native Americans to the end of the 18th Century. The course examines regional patterns of indigenous American Indian settlement, European exploration, trade, colonization. Immigration, impacts upon indigenous societies, and the development of preindustrial economic regions. Students will gain an appreciation of the interactions of various indigenous, European, and African peoples in different environments in the colonial era. Same course as HIST 3093.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Human Heritage & Cultures

GEOG 3113 Global Water Resources: Sustainability & Justice (GS)
Description: Water resources are key to the success of societies in all of their various forms. This course introduces students to fundamental concepts of water resources, including the natural processes of the hydrological cycle, management of water resources, and societal threats to sustaining water quantity and quality. Students in this course will develop an awareness and appreciation of the multiple perspectives about water as a precious resource, commodity, and point of justice. Same course as GLST 3113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3123 Urban Geography (S)
Description: This course seeks to explain the evolving pattern of North American cities and their antecedents in terms of the distribution and movement of people and resources as well as the effects of changes in transportation and communication technology. In addition, a careful analysis of the development and internal spatial structure of North American cities will be carried out. Much class time will be spent on discussion of contemporary urban problems such as segregation, unequal investment, and control of urban public space as well as attempts at their solution.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 3133 Political Geography (GS)
Description: Political structures, relationships and geopolitical implications of location, boundaries, culture and the natural environment of nations and states. Global patterns of political behavior, political history, international law and geostrategy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3153 Conservation of Natural Resources (S)
Description: A focus on the stewardship and sustainable management of our natural resources. Problems and corrective methods in the conservation of land, water, forests, wildlife, and mineral resources. Key themes include the relationships between human and environmental systems, degraded landscape restoration, environmental policy and compliance, and economic implications of natural resource management.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 3163 Economic Geography (S)
Description: Processes significant to the spatial structure of economic systems. Production, consumption and exchange activities examined in regard to location, distribution, aerial differentiation and spatial interaction patterns. Attention given to processes of change as well as to steady states.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 3173 Cultural Geography (S)
Description: Geographic impact of human cultures. Emphasis on the concepts of social space, density, crowding, territoriality, diffusion, migration, environmental perception and cultural landscape.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 3183 Transportation Geography
Description: Basic concepts and theories of transportation geography, selected transportation models and analysis methods related to spatial interactions, network analysis, allocation, and urban transportation planning.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 3203 Contemporary Issues in Geotechnology
Description: A look at critical issues currently facing the geography and geotech communities. Topics will include data sources, privacy, surveillance, internet censorship, big data, and the spaces and politics of code to discuss the impacts of technology on society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 3213 Digital Worlds: Culture, Identity, and Community (H)
Description: An introduction to the geographies of communication and media in the context of recent technological changes. Students will learn how online and offline spaces are created and interact as a result of social media and telecommunications technology. Topics include: geographies of the internet, the digital divide, media culture, video game spaces, and online politics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Human Heritage & Cultures

GEOG 3243 Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
Description: Geographical perspective on the evolution of U.S. federal Indian law and policy through an examination of case and statute law. Examination of tribal sovereignty and jurisdiction over lands in aboriginal title and federal trust, and how land defines indigenous identities and affects tribal-state relations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Diversity, Society & Human Behavior

GEOG 3333 Spatial Analysis (Q)
Prerequisites: STAT 2013 or STAT 2023 or STAT 2053 or STAT 4013 or STAT 4053.
Description: An introductory course in the application of basic statistical methods to spatial problems, including descriptive statistics, probability distributions, point and interval estimation, hypothesis testing, correlation, and simple linear regression. Emphasizes the challenges of working with spatial datasets and choosing appropriate methods of analysis, as well as explicitly spatial methods such as spatial sampling, point and area pattern analysis, and spatial autocorrelation. Provides a foundation for further study in geospatial technologies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Analytical & Quant Thought

GEOG 3373 Health and Maps
Description: How does where people live affect their health? How does the infectious disease spread across places? Health geography provides unique and powerful insights for understanding connections between wellness and place. This course will introduce basic concepts and tools of maps, Geographic Information Systems (GIS), and map analysis. It will also demonstrate their application in the context of public health, including infectious disease, environmental health, urban health, health resource accessibility, and more.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 3523 Gender and Religion Across Cultures (H)
Description: This course explores the interconnectedness of gender, religion, and culture both locally and globally. We will critically analyze how religious ideas, events, texts and traditions inform individual identities, gender discourse, gender roles, as well as issues of power, privilege and oppression within different religious communities around the world. Same course as GWST 3523 and REL 3523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Human Heritage & Cultures

GEOG 3703 Geography Of Oklahoma (S)
Description: Introduction to geography's regional approach through an examination of the cultural and environmental patterns of the State of Oklahoma. Systematic examination of physical regions, natural vegetation, wildlife and resource bases. Exploration of diverse Native American communities as well as European ethnic and African American settlement. Focus on evolving agricultural regions and the mineral industries and population dynamics in both rural and urban areas. Emphasis on cultural landscapes and representation of Oklahoma in popular culture.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 3713 Exploring North America and Diversity (DS)
Description: This course presents a regional analysis of the United States and Canada, including physical and cultural landscapes, population and migration trends, regional development, natural resources, and U.S.-Canada relations as well as global relations. In addition, it emphasizes diversity in both countries, with special attention to those geographies of under-represented and minority groups in the U.S. May not be used for degree credit with GLST 3713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Diversity, Society & Human Behavior

GEOG 3723 Europe (GS)
Description: This course examines the cultural, economic, and natural diversity of Europe in relation to globalization, climate change, and popular culture. Basic geographic concepts such as migration, region, and culture will be linked to European current events. Students will learn to properly utilize online sources to understand current European issues and their relationship to other countries and regions around the world. May not be used for degree credit with GLST 3723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3733 Russia and Its Neighbors (GS)
Description: A regional survey course of Eurasia extending from Central Europe to Western Siberia. Central and Southwest Asia will not be considered in this course. Thematic contemporary issues in the region will be covered, including topics on culture, politics, social issues, economic development, and others. May not be used for degree credit with GLST 3733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3743 Latin America (GS)
Description: A regional analysis of physical, cultural and economic features of historic and contemporary Latin America. Key themes include people and environment, development and change, government and conflict, and globalization and social change. Same course as GLST 3743.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3753 Asia (GS)
Description: A regional survey course of Asia from Pakistan in the west to the Asian littoral in the east, including Japan, Taiwan, and the Philippines. Central and Southwest Asia will not be considered in this course. Regionally, Asia will be approached through examination of two great cultural focal points: India and China. Thematic contemporary issues in Asia will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GLST 3753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3763 Africa (GS)
Description: An exploration of the patterns and impact of population, cultural heritage, and natural resources to build an understanding and experience with Africa. Historic and contemporary relationships between Africa and Western civilization. Key themes include traditions and lifeways, development and change, government and conflict, and people and environment. Same course as GLST 3763.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3783 The Middle East (GS)
Description: A regional analysis of the Arab, Persian and Turkic lands that builds an understanding and experience with the Middle East. Historic and contemporary patterns highlight both tradition and modernity. Key themes include lifeways and social change, development and globalization, international relations and conflict, and natural resources and environment. Same course as GLST 3783.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3793 Australia and the Pacific Realm (GS)
Description: Study of Australia, New Zealand, and the island regions of Micronesia, Melanesia, and Polynesia. Course examines the cultural and natural diversity of these regions in relation to globalization, climate change, and popular culture. Course covers enduring cultural traditions, legacies of external involvement, changing livelihoods and landscapes, and the region's role in global affairs. Same course as GLST 3793.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GEOG 3910 Applied Geographical Topics
Description: Specialized physical, human, regional, or technical issues and trends in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 3990 Geography Teaching Practicum
Prerequisites: Consent of instructor.
Description: For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written papers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography

GEOG 4003 Natural Hazards and Society
Description: Explores natural hazards and how humans respond and contribute to these hazards and how humans respond and contribute to these hazards and disasters such as earthquakes, extreme weather events and volcanic eruptions. The course will also examine how hazards impact society, how society deals with disasters, and how we can mitigate the effects of such events.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4023 Arid Lands and Drought (N)
Description: The course explores the world of deserts and semideserts, which together cover almost a half of the Earth's land surface, and almost a third of North America's, as well as areas threatened by drought. The course focuses on the nature of dryland environments and the challenges faced by human communities living in such environments, as well as the mechanisms of drought and desertification. No credit for students with degree credit in GEOG 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Natural Science Reasoning

GEOG 4053 Biogeography, Biodiversity, and Humankind
Description: Biogeography is the study of spatial patterns of biological diversity and its causes. Biogeographers synthesize information from a very broad range of fields, including geology, ecology, paleontology, and climatology. This course is an introduction to the dynamics of biological distributions, speciation, extinction, and dispersals, island biogeography, and applications to species and biodiversity mapping, and the design and management of reserves and other protected natural territories. May not be used for degree credit with GEOG 5053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4063 Geoarchaeology and Environmental History
Description: Theoretical and methodological aspects of geoarchaeology, a discipline that aims at recovering field data for reconstructing environment-society relationships of the past. Key themes include climate change and human-induced land transformation as demonstrated through interdisciplinary research in different geomorphic contexts and cultural groups (hunter gatherers, agriculturalists, and urbanites) from around the world. Meets with GEOG 5063. No credit for students with credit in GEOG 5063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4073 Climate Change: Past, Present, and Future
Description: Aims at understanding and discussing the mechanisms of global climate change and how they have functioned in our past, in the recent decades and how scientists predict possible changes in the near and distant future. Meets with GEOG 5073. No credit for students with credit in GEOG 5073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4083 Grasslands and Savannas: Evolution and Environmental Issues
Description: This course is an analysis of the nature, distribution, and evolution of grasslands, savannas, and other grass-dominated ecosystems around the world, with emphasis on their co-evolutionary development with climate, herbivore, fire, and humans, and the challenges faced modern global climate change and human development. Meets with GEOG 5083. No credit for students with credit in GEOG 5083.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4093 Global Water Resources & Sustainability
Description: Water resources are key to the success of societies in all of their various forms. This course connects fundamental concepts of water resources, including natural processes of the hydrological cycle and societal threats to water quantity and quality, to a water security conceptual framework. With reference to SDG 6, topical issues will be explored in major international case studies to help students develop an awareness and appreciation for the multiple perspectives of water as a precious resource, commodity, and point of justice. May not be used for degree credit with GEOG 5093.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4103 Historical Geography of North America since 1800 (H)
Description: Examination of North American development over the 19th Century, with emphasis on the transformation of environments, landscapes and culture regions. Investigation of settlement frontiers, indigenous dispossession, transport integration, resource exploitation, economic specialization, sectional divergence, industrialization, immigration, and urbanization. Same course as HIST 4103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Human Heritage & Cultures

GEOG 4113 Environment and Development
Description: Focuses on the relationship between people and poverty, environment, and development under different international contexts. The course covers competing theories of environment-development drawing from neoclassical economics and modernization agendas, to criticisms from postcolonial theory and beyond. Special emphasis is placed on diverse voices from the Global South, sustainable development, gender, race and nature, and new social movements. May not be used for degree credit with GEOG 5133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4123 Geographical Aspects of Urban Planning
Description: Spatial aspects of urban planning: development of planning theory, various planning tools, and specific problem areas such as urban renewal and urban transportation. May not be used for degree credit with GEOG 5213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4143 Geography of Travel and Tourism
Description: A systematic and comprehensive analysis of the geographical dimensions of tourism, illustrating the relevance of a spatial perspective to tourism planning, development, and management. Economic, social, and environmental impact of both domestic and international tourism considered. May not be used for degree credit with GEOG 5143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4153 Geography of Outdoor Recreation
Description: Analysis of patterns of outdoor recreation with an emphasis on land-use planning in park and wildland areas. Demand forecasting methods, the analysis of the socioeconomic and spatial impacts of recreation facilities provision and visitor management practices. May not be used for degree credit with GEOG 5153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4163 Resource Management in the National Parks
Description: Contemporary resource management issues in U.S. National Park units. The role of human and natural processes in the management of water, air, biotic and cultural resources. No credit for students with credit in GEOG 5163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4203 Fundamentals of Geographic Information Systems
Description: Geographic Information Systems (GIS) are pivotal in the analysis and management of geographic data. They are used to link environmental, social, and economic data to locations on earth and explore the relationships, trends, and patterns that emerge. This course introduces the concepts, principles, and theories behind GIS, with emphasis on the nature of geographic information, methods for data collection, data models for storing geographic information, techniques for data input and manipulation, and basic spatial analysis. Previously offered as GEOG 2343. May not be used for degree credit with GEOG 5103.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 4213 Sport, Place and Society (S)
Description: Spatial analysis of sport; its origin and diffusion, geographical organization and regional variation. Geographical movements and interaction associated with sport. Application of geographical solutions for reorganization and reform. Focus on both U.S. and international scene.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Society & Human Behavior

GEOG 4223 Geography of Music (H)
Description: Geographical and historical analysis of music as a cultural trait. The cultural significance of music and how it varies from place to place as well as how it helps shape the character of a place.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Human Heritage & Cultures

GEOG 4233 Human Dimensions of Global Environmental Change
Description: Discusses the current global environmental science research agendas called for by the international community, explores the arguments set forth regarding global environmental change, and looks at the current explanations and theories explaining the human dimensions of land-use/cover-change (lucc). Special emphasis is on alternative, competing visions, and needs of developing countries within the context of economic development and global environmental change. Meets with GEOG 5233. No credit for students with credit in GEOG 5233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4263 Geospatial Applications for Unmanned Aerial Systems
Prerequisites: Consent of instructor.
Description: Provides theoretical foundation for use of unmanned aerial systems (UAS) to collect geospatial data for analysis. Examines principles of remote sensing, photogrammetry, and GIS relevant to UAS. Enabling technologies (sensors, GPS), data collection procedures, data processing (structure from Motion algorithms), data products (point clouds, orthophotos), and appropriate analysis techniques are investigated. Geospatial application areas include terrain modeling, resource management, agriculture, forestry/vegetation, natural disasters, and geomorphology. May not be used for degree credit with GEOG 5263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4273 Land Use Science
Description: Basic understanding of human land use history and changes. Evaluation of land use impacts on environment, climate, and public health. Introduction to land use monitoring and modeling using geospatial technologies. Meet with GEOG 5273. No credit for students with credit in GEOG 5273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4303 Applications of the Global Positioning System in Field Research
Description: Theory and applications of the Global Positioning System (GPS), focusing on accuracy issues in field data collection and integration with geographic information systems (GIS). Use of both recreation and mapping grade receivers. May not be used for degree credit with GEOG 5503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4313 Field Techniques and Geodata Collection
Prerequisites: Senior standing in GEOG or consent of instructor.
Description: Application of the concepts, methods, and field techniques for geographical analysis and research, including data acquisition, manipulation, analysis, and the presentation of results. Capstone course. Field trips.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4323 Mapping in Modern Society
Description: Thematic mapping and geovisualization of socioeconomic, cultural, and natural resource information. Discussion and application of various map design and layout techniques. Topics include the history of maps their types and usages, the various elements of a map layout, and how maps enable us to communicate spatial information in our modern world.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 4333 Remote Sensing
Description: Introductory course in remote sensing focusing on digital image processing. Topics include data collection via satellites and unmanned aerial systems (a.k.a. drones), principles of electromagnetic radiation, multispectral, thermal, and light detection and ranging (LIDAR), and field data collection. Discussions focus on environmental applications including: agriculture, natural resource management, climate, geography, and wildlife management. Hands-on exposure to current image processing software. Meets with GEOG 5333. May not be used for degree credit with GEOG 5333.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 4343 Geographic Information Systems: Resource Management Applications
Prerequisites: GEOG 4203.
Description: Provides a theoretical and practical understanding of geographic information systems and its applications in natural resource management. Introduces industry popular GIS software for spatial and aspatial data analysis. Explores specific conditions, requirements, and processing considerations that allow geospatial data to be manipulated for problem solving. Meets with GEOG 5323. No degree credit for students with credit in GEOG 5323.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 4353 Geographic Information Systems: Socioeconomic Applications
Prerequisites: GEOG 4203.
Description: Theory and principles of geographic information systems (GIS) applied to socioeconomic problems, including location-allocation, market area determination, network analysis and analysis of demographic characteristics. May not be used for degree credit with GEOG 5253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4373 Geographic Information Systems in Public Health
Description: Introduces the foundations and applications of health geography and GIS in understanding patterns of disease, healthcare access, and health outcomes. Beginning with “What is Health Geography?”, students explore how spatial thinking informs public health research and practice. The course covers essential GIS concepts, health data sources, and mapping techniques tailored to health applications. Students learn how to collect, manage, and analyze spatial health data, design effective health maps, and communicate through mapping and storytelling. May not be used for degree credit with GEOG 5373.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4383 Geospatial Programming with Python and AI Tools
Prerequisites: GEOG 4203
Description: This course is designed for students with limited coding experience who are interested in learning Python to explore geospatial data. It introduces basic programming concepts, with emphasis on Python scripting to automate geoprocessing tasks in ArcGIS Pro. It also covers open-source Python packages such as Pandas, GeoPandas, and Matplotlib for processing and visualizing spatial data. As AI gains popularity, the course introduces various AI tools, including ChatGPT and GitHub Copilot, to enhance students’ geospatial programming skills. May not be used for degree credit with GEOG 5383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4443 Sustainable Tourism and Geography
Prerequisites: Junior or senior standing or consent of instructor.
Description: This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 5443. Same course as GLST 4443 and HRAD 4183.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4453 Black Geographies & Memorialization in the Landscape (DH)
Prerequisites: Junior or senior standing or consent of instructor.
Description: How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. Same course as AMST 4453 and AFAM 4453. May not be used for degree credit with GEOG 5453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

GEOG 4510 Senior Project
Prerequisites: Senior standing and consent of instructor.
Description: Individually designed projects involving laboratory work, field work, library research or a combination of these. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography

GEOG 4600 Geography Study Abroad (G)
Description: Participation in an international experience sponsored by the Department of Geography. Study Abroad courses typically involve the study of a country or region to provide an integrated understanding, through research and personal experience, of relevant cultural, historical, political, economic and environmental issues. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension

GEOG 4633 Introduction to Geospatial Artificial Intelligence
Prerequisites: GEOG 4203 (Fundamentals of GIS).
Description: Geospatial Artificial Intelligence (GeoAI) is an emerging field at the intersection of GIS and AI. It emphasizes the development and application of AI techniques to address critical challenges. This course provides a hands-on introduction to GeoAI, blending theory with practice. Students will gain foundational skills in Python programming and learn how to integrate geospatial data with modern AI approaches, including machine learning, deep learning, large language models (LLMs), and geospatial foundation models. No prior AI experience is required. Same course as GEOG 5633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GEOG 4663 Web GIS: Trends, Principles, and Applications
Prerequisites: GEOG 4203.
Description: Web GIS has immense applicability to business, health, economics, transportation, and more. This course is designed to increase students' knowledge of Web GIS and cutting-edge GIS skills. It introduces basic Web GIS concepts, principles, techniques, including web mapping applications. In addition, this course offers essential web programming skills to build customized online maps. May not be used for degree credit with GEOG 5663.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 4910 Topics In Geography
Prerequisites: Consent of instructor.
Description: Specialized physical, social and methodological topics in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography

GEOG 4930 Readings in Geography
Prerequisites: Consent of instructor.
Description: Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography

GEOG 4940 Undergraduate Cooperative Education Internship
Prerequisites: Consent of departmental internship coordinator and undergraduate committee.
Description: Practical experience in applying geographical concepts and tools to business or governmental problems. Emphasis on educational aspects of applying discipline-related tools to real-world problems. Credit not available for regular employment positions; must have fixed start/end dates. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography

GEOG 4943 Geospatial Information Science Internship/Research Capstone
Description: Provides an opportunity to apply knowledge accumulated throughout previous geospatial coursework with a structured off-campus internship or on-campus research capstone. Practical, applied geospatial experience is gained by working with an internship supervisor at a public or private entity in consultation with an affiliated geography faculty member. Alternatively, research-oriented experience is gained through direct collaboration with an affiliated geography faculty member. For both options, student duties may include field-based data collection, data processing, computer programming, spatial analysis/modeling, map and graphics production, oral presentation, and/or writing.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography

GEOG 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader, both of whom will be present at an oral defense of the thesis. Required for graduation with honors in geography.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geography
General Education and other Course Attributes: Honors Credit

GEOG 5000 Thesis
Prerequisites: Consent of adviser or major professor.
Description: Open only to students working on the master's degree in geography. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 5001 Professional Development in Geography
Description: Introduction and orientation to the graduate program in the Department of Geography.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5023 Arid Lands and Drought
Description: The course explores the world of deserts and semi-deserts, which together cover almost a half of the Earth's land surface, and almost a third of North America's, as well as areas threatened by drought. The course focuses on the nature of dryland environments and the challenges faced by human communities living in such environments, as well as the mechanisms of drought and desertification.No credit for students with credit in GEOG 4023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5053 Biogeography, Biodiversity, and Humankind
Description: Biogeography is the study of spatial patterns of biological diversity and its causes. Biogeographers synthesize information from a very broad range of fields, including geology, ecology, paleontology, and climatology. This course is an introduction to the dynamics of biological distributions, speciation, extinction, and dispersals, island biogeography, and applications to species and biodiversity mapping, and the design and management of reserves and other protected natural territories. No credit for students with credit in GEOG 4053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5063 Geoarchaeology and Environmental History
Description: Theoretical and methodological aspects of geoarchaeology, a discipline that aims at recovering field data for reconstructing environment-society relationships of the past. Key themes include climate change and human-induced land transformation as demonstrated through interdisciplinary research in different geomorphic contexts and cultural groups (hunter gatherers, agriculturalists, and urbanites) from around the world. Meets with GEOG 4063. No credit for students with credit in GEOG 4063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5073 Climate Change: Past, Present and Future
Description: Aims at understanding and discussing the mechanisms of global climate change and how they have functioned in our past, in the recent decades and how scientists predict possible changes in the near and distant future. Meets with GEOG 4073. No credit for students with credit in GEOG 4073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5083 Grasslands and Savannas: Evolution and Environmental Issues
Description: This course is an analysis of the nature, distribution, and evolution of grasslands, savannas, and other grass-dominated ecosystems around the world, with emphasis on their co-evolutionary development with climate, herbivore, fire, and humans, and the challenges faced by modern global climate change and human development. No credit for students with credit in GEOG 4083.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5093 Global Water Resources & Sustainability
Description: Water resources are key to the success of societies in all of their various forms. This course connects fundamental concepts of water resources, including natural processes of the hydrological cycle and societal threats to water quantity and quality, to a water security conceptual framework. With reference to SDG 6, topical issues will be explored in major international case studies to help students develop an awareness and appreciation for the multiple perspectives of water as a precious resource, commodity, and point of justice. May not be used for degree credit with GEOG 4093.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5103 Fundamentals of Geographic Information Systems
Description: Geographic Information Systems (GIS) are pivotal in the analysis and management of geographic data. They are used to link environmental, social, and economic data to locations on earth and explore the relationships, trends, and patterns that emerge. This course introduces the concepts, principles, and theories behind GIS, with emphasis on the nature of geographic information, methods for data collection, data models for storing geographic information, techniques for data input and manipulation, and basic spatial analysis. May not be used for degree credit with GEOG 4203.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 5113 Landscape Ecology
Prerequisites: Graduate standing and BIOL 3034 or consent of instructor.
Description: Principles of landscape ecology, including structure and function of landscape elements such as patch, corridor, boundary, and matrix. Role of geographic processes, climate, biota, disturbance, and human influences in landscape structure and function. Interaction among landscape elements and role of landscape structure in ecosystem and landscape dynamics. Applications of landscape ecology to biodiversity conservation, wildlife management, and landscape planning. Survey of quantitative methods used in landscape ecology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5123 International Resource Management
Prerequisites: Graduate standing.
Description: Spatial perspectives on the assessment and management of natural resources. The role of resources in world trade, security and international environmental concerns.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5133 Environment and Development
Description: Focuses on the relationship between people and poverty, environment, and development under different international contexts. The course covers competing theories of environment-development drawing from neoclassical economics and modernization agendas, to criticisms from postcolonial theory and beyond. Special emphasis is placed on diverse voices from the Global South, sustainable development, gender, race and nature, and new social movements. May not be used for degree credit with GEOG 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5140 Seminar in Cultural Geography
Prerequisites: Graduate standing in geography or consent of the instructor.
Description: A study of the methodological and theoretical development of cultural geography, one of geography's major subdisciplines. Course is structured around the social and political implications of ways of seeing, and what these have meant for encountering and understanding cultural difference. Emphasis on reading the cultural landscape and interrogating how the landscape reinforces certain ideologies, values, and aesthetics. Critical analysis of geographical representations found in place images, popular culture, and art in relation to social power, race, gender, and identity. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 5143 Geography of Travel and Tourism
Description: A systematic and comprehensive analysis of the geographical dimensions of tourism, illustrating the relevance of a spatial perspective to tourism planning, development, and management. Economic, social, and environmental impact of both domestic and international tourism considered. May not be used for degree credit with GEOG 4143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5150 Geography of Sport, Recreation and Leisure Seminar
Description: This seminar is comprised of an advanced analysis of one or more topics in Sport Geography. The topics can include both cultural and economic issues in the spatial distribution of sport, or any other spatial aspect of the play, diffusion, or impact of sport. The seminar will also focus on student research activities on specific topics to sport geography. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5153 Geography of Outdoor Recreation
Description: Analysis of patterns of outdoor recreation with an emphasis on land-use planning in park and wildland areas. Demand forecasting methods, the analysis of the socioeconomic and spatial impacts of recreation facilities provision and visitor management practices. May not be used for degree credit with GEOG 4153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5163 Resource Management in the National Parks
Description: Contemporary resource management issues in U.S. National Park units. Focus on the role of human and natural processes in the management of water, air, biotic and cultural resources. No credit for students with credit in GEOG 4163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5183 Topics in Transportation Geography
Description: Examination of a selected set of advanced topics in transportation geography, including network analysis, facility location problems, intelligent transportation systems and geographic information systems and logistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5213 Geographical Aspects of Urban Planning
Description: Spatial aspects of urban planning: development of planning theory, various planning tools, and specific problem areas such as urban renewal and urban transportation. May not be used for degree credit with GEOG 4123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5233 Human Dimensions of Global Environmental Change
Description: Discusses the current global environmental science research agendas called for by the international community, explores the arguments set forth regarding global environmental change, and looks at the current explanations and theories explaining the human dimensions of land-use/cover-change (lucc). Special emphasis is on alternative, competing visions, and needs of developing countries within the context of economic development and global environmental change. Meets with GEOG 4233. No credit for students with credit in GEOG 4233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5243 Geography of the World's Indigenous Peoples
Prerequisites: Graduate standing and consent of instructor.
Description: A regional survey of indigenous assertions of cultural, political and economic self-determination outside the United States. Native land claims, impact of regional development and environmental issues upon indigenous communities, and their efforts to establish geo-political autonomy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5253 Geographic Information Systems: Socioeconomic Applications
Prerequisites: GEOG 4203.
Description: Theory and principles of geographic information systems (GIS) applied to socioeconomic problems, including location-allocation, market area determination, network analysis and analysis of demographic characteristics. May not be used for degree credit with GEOG 4353.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5263 Geospatial Applications for Unmanned Aerial Systems
Prerequisites: Consent of instructor.
Description: Provides theoretical foundation for use of unmanned aerial systems (UAS) to collect geospatial data for analysis. Examines principles of remote sensing, photogrammetry, and GIS relevant to UAS. Enabling technologies (sensors, GPS), data collection procedures, data processing (Structure from Motion algorithms), data products (point clouds, orthophotos), and appropriate analysis techniques are investigated. Geospatial application areas include terrain modeling, resource management, agriculture, forestry/vegetation, natural disasters, and geomorphology. May not be used for degree credit with GEOG 4263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5273 Land Use Science
Description: Basic understanding of human land use history and changes. Evaluation of land use impacts on environment, climate, and public health. Introduction to land use monitoring and modeling using geospatial technologies. Meets with GEOG 4273. No credit for students with credit in GEOG 4273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5303 Geographic Analysis I
Prerequisites: One course in statistics.
Description: An intermediate course in the application of statistical methods to spatial problems. Focuses on multivariate methods (e.g. multiple regression, factor and cluster analysis) and their use in geographic settings and with spatial datasets. Includes introductory spatial regression, methods for detecting spatial clusters (spatial autocorrelation), and the importance of exploratory spatial data analysis (ESDA) in geographic research. Course previously offered as GEOG 5313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5323 Geographic Information Systems: Resource Management Applications
Prerequisites: GEOG 4203 or instructor permission.
Description: Provides a theoretical and practical understanding of geographic information systems and its applications in natural resource management. Introduces industry popular GIS software for spatial and aspatial data analysis. Explores specific conditions, requirements, and processing considerations that allow geospatial data to be manipulated for problem solving. Meets with GEOG 4343. No degree credit for students with credit in GEOG 4343.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 5333 Remote Sensing
Description: Introductory course in remote sensing focusing on digital image processing. Topics include data collection via satellites and unmanned aerial systems (a.k.a. drones), principles of electromagnetic radiation, multispectral, thermal, and light detection and ranging (LIDAR), and field data collection. Discussions focus on environmental applications including: agriculture, natural resource management, climate, geography, and wildlife management. Hands-on exposure to current image processing software. Meets with GEOG 4333. May not be used for degree credit with GEOG 4333.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 5343 Advanced Geographic Information Systems: Resource Management Applications
Prerequisites: GEOG 4343 or GEOG 5323.
Description: Advanced theory and applications of geographic information systems (GIS) applied to resource management problems using both raster and vector data structures. Individual projects, presentations and group discussion sessions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5353 Advanced Geographic Information Systems: Socioeconomic Applications
Prerequisites: GEOG 4353 or GEOG 5253.
Description: Advanced theory and applications of geographic information systems (GIS) applied to socioeconomic problems including location allocation, market area determination, network analysis, and analysis of demographic characteristics. Individual projects, presentations and group discussion sessions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5363 Enterprise Geographic Information Systems
Prerequisites: GEOG 4353 or equivalent.
Description: Basic setup and creation of online geodatabases and Internet mapping services as would be used in a large scale GIS operation or enterprise. Geodatabase design and Internet mapservice Web site development.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5373 Geographic Information Systems in Public Health
Description: Introduces students to foundations and applications of health geography and GIS in understanding patterns of disease, healthcare access, and health outcomes. Beginning with “What is Health Geography?”, students explore how spatial thinking informs public health research and practice. Course covers essential GIS concepts, health data sources, and mapping techniques tailored to health applications. Students learn how to collect, manage, and analyze spatial health data, design health maps, and communicate through mapping and storytelling. May not be used for degree credit with GEOG 4373.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5383 Geospatial Programming with Python and AI Tools
Prerequisites: GEOG 4203 or GEOG 5103
Description: This course is designed for students with limited coding experience who are interested in learning Python to explore geospatial data. It introduces basic programming concepts, with emphasis on Python scripting to automate geoprocessing tasks in ArcGIS Pro. It also covers open-source Python packages such as Pandas, GeoPandas, and Matplotlib for processing and visualizing spatial data. As AI gains popularity, the course introduces various AI tools, including ChatGPT and GitHub Copilot, to enhance students' geospatial programming skills. May not be used for degree credit with GEOG 4383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5393 Remote Sensing of Water Resources
Prerequisites: GEOG 2323 or GEOG 4333.
Description: Advanced theories and techniques of remote sensing applied to various issues in water resources management. Sensor characteristics, theoretical algorithms, digital image processing, and field methods to extract information of multiple aspects valuable for both hydrological modeling and decision-making. Advantages and limitations of remote sensing compared to traditional methods will be explored.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5403 Current Geographic Research
Prerequisites: Graduate standing in geography or consent of instructor.
Description: Representative survey of current research across the discipline of modern Geography so as to broaden perspectives and appreciation of Geography's breadth and impact. Emphasis on the discipline's major affinity groups, their notable institutions and individuals, and their impact toward the greater good. Exercises familiarize students with the process of developing a thesis or dissertation proposal, from determining an area of emphasis, identifying a research problem, conducting a literature review, and developing and defending a thesis or dissertation proposal.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5413 History and Philosophy of Geography
Prerequisites: Graduate standing in geography or consent of the instructor.
Description: Study of the making of geography as an academic discipline, and the evolution of geographic thought and practice. A critical inquiry into the production of geographic knowledge as it has changed over time and in relation to developments in science and society. Discussions examine significant theoretical and methodological "turns" and explore the influences of key individuals, institutions, and major debates.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5423 Geographic Renderings in Qualitative Methods
Prerequisites: SCFD 5913 or SCFD 6123 or SOC 5273 or consent of instructor.
Description: Seminar engages with geographic facets in qualitative research and provides students with experience in collecting and working with qualitative data. Students explore avenues of qualitative inquiry in cross-cultural, community participation, and storytelling/testimonial/oral history/life history, and ethnographic research with special consideration to space, place, scale, context, body, and senses. Course addresses issues involved with analysis, interpretation, and "writing-up" research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5443 Sustainable Tourism and Geography
Prerequisites: Junior or senior standing or consent of instructor.
Description: This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 4443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5450 Seminar in Geography
Prerequisites: Graduate standing in geography or consent of instructor.
Description: Specialized topics in Geography. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 5453 Black Geographies & Memorialization in the Landscape
Description: How and why have African American people sought to memorialize their history in public places? How have Black counterpublics shaped discourse on memorials to African American history? What has this discourse done to the field of landscape and memory studies? To explore these questions, this course is organized around memory in the landscape as it relates to black geographies, including, for example, slavery, the Civil War, civil rights, and the Tulsa Race Massacre in the United States. Approaches may be comparative or transnational. May not be used for degree credit with AFAM 4453, AMST 4453, or GEOG 4453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5503 Applications of the Global Positioning System in Field Research
Description: Theory and applications of the Global Positioning System (GPS), focusing on accuracy issues in field data collection and integration with geographic information systems (GIS). Use of both recreation and mapping grade receivers. May not be used for degree credit with GEOG 4303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5510 Research Problems in Geography
Prerequisites: Consent of instructor.
Description: Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 5633 Introduction to Geospatial Artificial Intelligence
Prerequisites: GEOG 5103 (Fundamentals of GIS).
Description: Geospatial Artificial Intelligence (GeoAI) is an emerging field at the intersection of GIS and AI. It emphasizes the development and application of AI techniques to address critical challenges. This course provides a hands-on introduction to GeoAI, blending theory with practice. Students will gain foundational skills in Python programming and learn how to integrate geospatial data with modern AI approaches, including machine learning, deep learning, large language models (LLMs), and geospatial foundation models. No prior AI experience is required. Same course as GEOG 4633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5663 Web GIS: Trends, Principles, and Applications
Prerequisites: GEOG 4203 or instructor permission.
Description: Web GIS has immense applicability to business, health, economics, transportation, and more. This course is designed to increase students' knowledge of Web GIS and cutting-edge GIS skills. It introduces basic Web GIS concepts, principles, techniques, including web mapping applications. In addition, this course offers essential web programming skills to build customized online maps. May not be used for degree credit with GEOG 4663.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GEOG 5700 Geography Study Abroad
Description: Participation in an international experience sponsored by the Department of Geography. Study Abroad courses typically involve the study of a country or region to provide an integrated understanding, through research and personal experience, of relevant cultural, historical, political, economic, and environmental issues. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 5930 Readings in Geography
Prerequisites: Consent of instructor.
Description: Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 5940 Graduate Cooperative Education Internship
Prerequisites: Consent of departmental internship coordinator and graduate committee.
Description: Practical experience in applying geographical concepts and tools to business or governmental problems. Emphasis on educational aspects of applying discipline-related tools to real-world problems. Credit not available for regular employment positions; must have fixed start/end dates. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6000 Doctoral Dissertation Research
Prerequisites: Admission to candidacy and consent of major professor.
Description: Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6013 Seminar in Quaternary Paleoecology
Prerequisites: Graduate standing in geography or consent of instructor.
Description: Analysis and discussion of various aspects of research on the Quaternary period, emphasizing the roles played by climate, geomorphic processes, vegetation, soil and fauna.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 6110 Seminar in Cultural and Political Ecology
Prerequisites: Graduate standing in geography or consent of instructor.
Description: Study of the relationship between culture and environment and competing theories of human-environment interactions. Traces the roots of cultural ecology starting with classic ecological systems and adaptation theory, to criticisms leading to the development of "political" and "hybrid" ecologies. Course focuses on Marxist influences, inequalities of third world development, gender and resource management, social and environmental movements, indigenous knowledge, natural disasters and environmental vulnerability. Offered for fixed credit, 3 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6120 Seminar in Urban Geography
Prerequisites: Graduate standing in geography or consent of instructor.
Description: Analysis of research on urban systems, internal morphology, urban problems and urban spatial behavior. Review and analysis of student research efforts. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6130 Seminar in Political Geography
Prerequisites: Graduate standing in geography or consent of instructor.
Description: Theoretical foundations of political geography from MacKinder and Hartshorne to recent writings by Smith, Anderson and other modern theorists. Nationalism, national identity, state formation and cohesion considered in a spatial context. Offered for fixed credit, 3 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6180 Seminar in Transportation Geography
Prerequisites: Graduate standing.
Description: Examination of transportation systems, emphasizing their effects on trade, land use, location issues, and development. Review of trends, problems, and methods related to transport issues. Offered for fixed credit, 3 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6210 Seminar in Historical Geography
Prerequisites: Graduate standing.
Description: This seminar explores historical geographic research concerning places and environments, the dynamics of place, space, and landscape as well as how the past shapes the geographies of the present and the future. It considers methodological practices and theoretical understandings associated with historical geographic scholarship. Offered for fixed credit, 3 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6303 Geographic Analysis II
Prerequisites: GEOG 5303.
Description: An advanced course in the application of statistical methods to spatial problems. Focuses on univariate and bivariate spatial autocorrelation, geographically weighted regression (GWR), spatial weighting, and visualization of geostatistical data. Heavy emphasis on current research in geospatial techniques and student research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 6313 Mixed Methods in Field Research
Prerequisites: Graduate standing in geography or consent of instructor.
Description: This course will expose students to a variety of qualitative and quantitative techniques useful in successfully designing and completing field research. Special focus will include research and survey design, interviewing, ethnography, and visual techniques such as the use of imagery, photography, sketch mapping, and Global Positioning Systems (GPS) for the collection and analysis of geospatial data. Required field trips.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 6333 Advanced Remote Sensing
Prerequisites: GEOG 4333 or GEOG 5333.
Description: Provides in-depth theoretical exploration of advanced remote sensing and image analysis techniques. Special topics include advanced classifications, hyperspectral imagery, and LiDAR. Specific issues surrounding data capture, image processing, and analysis will be discussed to prepare students for semester-long research projects.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geography

GEOG 6910 Topics in Geography
Prerequisites: Consent of instructor.
Description: Specialized physical, social and methodological topics in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GEOG 6930 Readings in Geography
Prerequisites: Consent of instructor.
Description: Directed readings on selected topics, regions or methods in geography. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Geography

GLST 1713 Regions & Nations in Global Context (GS)
Description: A regional approach to the study of human societies and the makeup of nations around the world, with an emphasis on contemporary issues such as climate change, sustainability and other environmental impacts; population and immigration; culture, religion and language; and economic characteristics such as wealth disparities, poverty and education. This course covers many distinct world regions such as Europe, Latin America, the Middle East and Southeast Asia. Same course as GEOG 1713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 2002 Global Sustainability (N)
Description: This course examines questions of sustainability and sustainable development in a global context from environmental, social, and economic perspectives. Emphasis is placed on how different dimensions of sustainability interact, and how those interactions are shaped by regional context in a globalized world. Through discussion of policy and current environmental issues around the world, students will learn to analyze relationships and tradeoffs between humans and their environment. Same course as GEOG 2002.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Natural Science Reasoning

GLST 2103 Global Perspectives (GS)
Description: Introduces students to the cultural, economic, and political aspects of globalization and global issues. Emphasizes the relationship between tradition and change, the interconnectedness of people, places, and institutions, aspects of social and economic development, and the evolving role of technology in creating and sustaining a globalized world. Also introduces students to possible career options. Same course as GEOG 2103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3053 Introduction to Central Asia Studies (GS)
Description: A comprehensive view of newly-emerged Central Asian states, examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan as reflected in their thoughts, religion, literature, and architecture in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, HIST 3053, POLS 3053, and RUSS 3053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3113 Global Water Resources: Sustainability & Justice
Description: Water resources are key to the success of societies in all of their various forms. This course introduces students to fundamental concepts of water resources, including the natural processes of the hydrological cycle, management of water resources, and societal threats to sustaining water quantity and quality. Students in this course will develop an awareness and appreciation of the multiple perspectives about water as a precious resource, commodity, and point of justice. Same course as GEOG 3113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geography

GLST 3713 Exploring North America and Diversity (DS)
Description: This course presents a regional analysis of the United States and Canada, including physical and cultural landscapes, population and migration trends, regional development, natural resources, and U.S.-Canada relations as well as global relations. In addition, it emphasizes diversity in both countries, with special attention to those geographies of under-represented and minority groups in the U.S. Same course as GEOG 3713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: Diversity, Society & Human Behavior

GLST 3723 Europe (GS)
Description: This course examines the cultural, economic, and natural diversity of Europe in relation to globalization, climate change, and popular culture. Basic geographic concepts such as migration, region, and culture will be linked to European current events. Students will learn to properly utilize online sources to understand current European issues and their relationship to other countries and regions around the world. Same course as GEOG 3723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3733 Russia and Its Neighbors (GS)
Description: A regional survey course of Eurasia extending from Central Europe to Western Siberia. Central and Southwest Asia will not be considered in this course. Thematic contemporary issues in the region will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GEOG 3733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3743 Latin America (GS)
Description: A regional analysis of physical, cultural and economic features of historic and contemporary Latin America. Key themes include people and environment, development and change, government and conflict, and globalization and social change. Same course as GEOG 3743.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3753 Asia (GS)
Description: A regional survey course of Asia from Pakistan in the west to the Asian littoral in the east, including Japan, Taiwan, and the Philippines. Central and Southwest Asia will not be considered in this course. Regionally, Asia will be approached through examination of two great cultural focal points: India and China. Thematic contemporary issues in Asia will be covered, including topics on culture, politics, social issues, economic development, and others. Same course as GEOG 3753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3763 Africa (GS)
Description: An exploration of the patterns and impact of population, cultural heritage, and natural resources to build an understanding and experience with Africa. Historic and contemporary relationships between Africa and Western civilization. Key themes include traditions and lifeways, development and change, government and conflict, and people and environment. Same course as GEOG 3763.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3783 The Middle East (GS)
Description: A regional analysis of the Arab, Persian and Turkic lands that builds an understanding and experience with the Middle East. Historic and contemporary patterns highlight both tradition and modernity. Key themes include lifeways and social change, development and globalization, international relations and conflict, and natural resources and environment. Same course as GEOG 3783.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 3793 Australia and the Pacific Realm (GS)
Description: Study of Australia, New Zealand, and the island regions of Micronesia, Melanesia, and Polynesia. Course examines the cultural and natural diversity of these regions in relation to globalization, climate change, and popular culture. Course covers enduring cultural traditions, legacies of external involvement, changing livelihoods and landscapes, and the region's role in global affairs. Same course as GEOG 3793.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography
General Education and other Course Attributes: International Dimension, Society & Human Behavior

GLST 4443 Sustainable Tourism and Geography
Prerequisites: Junior or senior standing or consent of instructor.
Description: This course examines sustainable tourism from a cultural and environmental perspective. It discusses concepts and theories of sustainability and tourism, including human rights, environmental justice, and ethics, emphasizing the global environmental and social effects and possibilities of tourism. The course addresses management concepts, sectoral approaches, transport and mobility themes, and emerging issues in the context of sustainability. May not be used for degree credit with GEOG 4443 and HRAD 4183.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

GLST 4513 Senior Capstone Experience
Prerequisites: Consent of the instructor and advisor.
Description: Designed specifically for Global Studies majors. Reviews key literature, relates coursework in the major to career plans, and culminates in a research project. Students design and execute a research project and give an oral presentation based on their project and experience.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geography

Undergraduate Programs

- Geography, BA (p. 1348)
- Geography, BS (p. 1351)
- Geography: Business Essentials, BA (p. 1354)
- Geography: Business Essentials, BS (p. 1357)
- Geography: Pre-Law, BA (p. 1360)
- Geography: Pre-Ministry, BA (p. 1363)
- Geospatial Information Science, BS (p. 1366)
- Global Studies, BA (p. 1371)
- Global Studies: Business Essentials, BA (p. 1376)
- Global Studies: Pre-Law, BA (p. 1381)
- Global Studies: Pre-Ministry, BA (p. 1384)

Graduate Programs

The Department of Geography offers MS and PhD degrees. We have a vibrant graduate program that is built around three broad areas of emphasis: the study of nature-society dynamics, including resource management; GIScience, including unmanned aerial systems; and cultural and historical geography. Major faculty specializations include public health, water security, GIS, remote sensing, climate science, human dimensions of global environmental change, cultural and historical geography, urban and transportation geography, political geography, geoarchaeology, and spatial analysis.

Particular emphasis is placed on the applied aspects of geography, with many graduates employed by private business as well as city, regional, state and national planning agencies. Our graduates have been highly successful in their careers, taking up positions involving city planning, environmental assessment, and university teaching and research, among many others.

The Master of Science Degree

Admission to the master's program in geography is granted to college graduates with superior academic records. An undergraduate geography major is not required. Majors from the social, physical, and behavioral sciences and from the humanities are encouraged to apply. Incoming graduate students must demonstrate competency in cultural geography, physical geography, statistics and cartography. If a student lacks these prerequisite skills, an additional course in each of these subjects is required.

Thesis and non-thesis options exist for the master's degree. The thesis option requires a minimum of 30 credit hours, including a thesis. The non-thesis option requires 36 credit hours. Plans of study can be developed to accommodate many interests.

The Doctor of Philosophy Degree

Admission to the PhD program is granted to students with superior records in their previous graduate study. A previous degree in geography is not required, but incoming students from other disciplines must demonstrate competency in cultural geography, physical geography, statistics and cartography. If a student lacks these prerequisite skills, an additional course in each of these subjects is required. A minimum of 60 hours of graduate credit beyond the master's degree is required for the PhD degree. These hours include core courses (13 hours), elective courses in geography (15 hours minimum), elective courses outside of geography (9 hours minimum), and dissertation hours (15 hours minimum). Each student chooses an individual doctoral committee that advises the student in the formulation of an approved plan of study for the degree. Candidates for the PhD in geography must demonstrate either:

1. proficiency in one language other than English,
2. reading knowledge of two languages other than English,
3. proficiency in advanced quantitative methods,
4. proficiency in advanced qualitative methods, or
5. proficiency in a multi-skill track.

To be advanced to doctoral candidacy, the student must demonstrate proficiency in three specialized subject areas within geography and related disciplines by passing written and oral comprehensive examinations. An important requirement for the PhD degree is the preparation and successful defense of a doctoral dissertation. The dissertation must demonstrate the candidate's ability to plan and complete independent, original research in geography.

Minors

- Geography (GEOG), Minor (p. 1347)
- Geospatial Information Technologies (GSIT), Minor (p. 1369)
- Global Studies (GLST), Minor (p. 1370)

Certificates

- Environmental Studies, UCRT (p. 1345)
- Geographic Information Systems, CRT (p. 1346)

Faculty

Jonathan C. Comer, PhD—Professor and Head
Professors: Carlos E. Cordova, PhD; Alyson L. Greiner, PhD; Rebecca Sheehan, PhD. *Emeriti*: Reuel R. Hanks; Dale R. Lightfoot, Stephen J. Stadler, Thomas A. Wikle
Associate Professors: Brad A. Bays, PhD; Hamed Gholizadeh, PhD; G. Thomas LaVanchy, PhD; Hongbo Yu, PhD; Yuting Zhou, PhD. *Emeriti*: G. Allen Finchum, PhD; Stephen W. Tweedie, PhD
Assistant Professors: Rory Hill, PhD; Tao Hu, PhD
Teaching Assistant Professor: Danielle Dempsey, PhD
Teaching Instructor: Donald Colley

Environmental Studies, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 17

Code	Title	Hours
Core		
ENVR 1113	Elements of Environmental Science (N)	3
GEOG 1022	Climate Change and Humanity (N)	2
or GEOL 1022	Climate Change and Humanity (N)	
or GEOG 2002	Global Sustainability (N)	
or GLST 2002	Global Sustainability (N)	
GEOG 4233	Human Dimensions of Global Environmental Change	3
Hours Subtotal		**8**
Electives		
Select 9 hours from the following:		9
Human-Environment Interactions:		
AGEC 3023	Farm to Fork	
AGEC 3723	Environmental Law for Agriculture and Natural Resources	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
ANSI 3903	Agricultural Animals of the World (G)	
ARCH 4293	The Ethics of the Built Environment (H)	
ENTO 2003	Insects and Society (N)	
ENTO 2223	Insects in Global Public Health (N)	
ENVR 4512	Introduction to National Environmental Policy Act	
ENVR 4573	Ethical Issues in Agriculture and the Environment	
GEOG 3113	Global Water Resources: Sustainability & Justice (GS)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 3373	Health and Maps	
GEOG 4003	Natural Hazards and Society	
GEOG 4113	Environment and Development	
GEOG 4443	Sustainable Tourism and Geography	
GEOL 2443	Environmental Geology and Human Health (N)	
GEOL 3043	Geology of the National Parks	
HIST 4523	American Environmental History (H)	
LA 2413	Ecological Landscape Design	
LA 2513	Native American Symbolism in Landscape Design (D)	
NREM 3502	Wildlife Law Enforcement	
NREM 4043	Natural Resource Administration and Policy	
NREM 4053	Natural Resource Management for Multiple Uses	
NREM 4093	Natural Resources, People and Sustainable Development (G)	
NSCI 3543	Food and the Human Environment (GS)	
PBIO 3253	Environment and Society (N)	
PBIO 3263	Plants and People (N)	
PBIO 3273	Medical Botany (N)	
PHIL 3703	Ethics & Animals (H)	
PHIL 3733	Environmental Ethics (H)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4533	World Population Problems	
The Environment:		
BIOL 3053	Freshwater: Concepts, Threats and Management (N)	
ENTO 3003	Livestock Entomology	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 3023	Climatology (N)	
GEOG 3033	Meteorology (N)	
GEOG 4023	Arid Lands and Drought (N)	
GEOG 4053	Biogeography, Biodiversity, and Humankind	
GEOG 4063	Geoarchaeology and Environmental History	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOL 3073	Geomorphology	
GEOL 3503	Environmental Geology (N)	
NREM 3013	Applied Ecology and Conservation	
NREM 4023	Restoration Ecology	
NREM 4033	Ecology Of Invasive Species	
or ENVR 4033	Ecology of Invasive Species	
NREM 4443	Watershed Hydrology and Water Quality	
No more than one elective course can be at the 2000-level.		
Other courses with half or more environmental content may be considered alternates for elective courses. Consult with program coordinator for qualified alternatives.		
Total Hours		**17**

Geographic Information Systems, CRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 16

Code	Title	Hours
A minimum 3.00 GPA is required for all courses taken for the certificate program.		
Core Courses		
Select 9 hours:		9
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
GEOG 4373	Geographic Information Systems in Public Health	
GEOG 5343	Advanced Geographic Information Systems: Resource Management Applications	
GEOG 5353	Advanced Geographic Information Systems: Socioeconomic Applications	
Elective Courses		
Select 1 course from each category.		
Category I: Spatial Analysis/GIS Programming		3
GEOG 3333	Spatial Analysis (A)	
GEOG 4383	Introduction to GIS Programming	
Category II: Spatial Data Collection, Management, and Representation		3
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4303	Applications of the Global Positioning System in Field Research	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 4323	Mapping in Modern Society	
GEOG 4333	Remote Sensing	
GEOG 4663	Web GIS: Trends, Principles, and Applications	
Category III: GIS Practice and Enhancement		1
GEOG 4940	Undergraduate Cooperative Education Internship	
May substitute GEOG 4943 or any other certificate course that has not been used to fulfill other certificate requirements.		
Courses from other OSU programs that contain at least 50% of geospatial technology in the course content may be considered as alternatives for elective courses. Consult with program coordinator for qualified alternatives.		
Total Hours		**16**

Geography (GEOG), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

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Total Hours: 16

Code	Title	Hours
Minor Requirements		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 1114	Introduction to Physical Geography (LN)	4
Select at least nine additional hours, including six at the upper-division level		9
Total Hours		**16**

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Geography, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
GEOG 1114	Introduction to Physical Geography (LN) [1]	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
Core courses		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Additional GEOG courses		
Select 24 hours (21 hours must be upper-division)		24
Related courses		
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
Hours Subtotal		**46**
Electives		
Select 12 hours		12
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**12**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1114	Introduction to Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (GS) or Regions & Nations in Global Context (GS)	3
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
	Hours	**16**
Sophomore		
Fall		
2000-level Foreign Language		3
College and Elective courses		12
	Hours	**15**

Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geography, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
GEOG 1114	Introduction to Physical Geography (LN) [1]	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50.		
Core courses		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 3333	Spatial Analysis (Q)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Select one of the following:		3
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
Additional GEOG courses		
Select 21 hours (18 hours must be upper-division) [2]		21
Related courses		
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
Hours Subtotal		**45**
Electives [2]		
Select 22 hours		22
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**22**
Total Hours		**120**

1. College and Departmental Requirements that may be used to meet General Education Requirements.
2. With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas, including up to 3 hours of upper-division GEOG.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (Q) or College Algebra (Q)	3
GEOG 1114	Introduction to Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (GS) or Regions & Nations in Global Context (GS)	3
General Education courses		4
	Hours	**14**
Spring		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
General Education courses		9
	Hours	**16**

Sophomore		
Fall		
General Education, College, and Major courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
GEOG 3333	Spatial Analysis (Q)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4333 or GEOG 4343 or GEOG 4353	Remote Sensing or Geographic Information Systems: Resource Management Applications or Geographic Information Systems: Socioeconomic Applications	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geography: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, excluding MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Course designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course.		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
Core		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Additional GEOG courses		
Select 24 hours (21 hours must be upper-division)		24
Business Essentials		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Hours Subtotal		**52**
Electives		
6 hours of Electives		6
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**6**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree

requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1114	Introduction to Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (GS) or Regions & Nations in Global Context (GS)	3
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, excluding MATH 1493)	3
1813 Second Semester Foreign Language		3
General Education courses		6
	Hours	**16**
Sophomore		
Fall		
2000-level Foreign Language		3
College and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
GEOG 4203	Fundamentals of Geographic Information Systems	3

Major, College, and Elective courses		12
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geography: Business Essentials, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
(See note 2.b.)		9
Foreign Languages		
0-6 hours		
(See note 3.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50.		
Core		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 3333	Spatial Analysis (Q)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4323	Mapping in Modern Society	3
Select one of the following:		3
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
Additional GEOG courses		
Select 21 hours (18 hours must be upper-division)		21
Business Essentials		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Hours Subtotal		**51**
Electives		
16 hours of Electives		16
May need to include 6 hours of a foreign language (see note 3.).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
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   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (Q) or College Algebra (Q)	3
GEOG 1114	Introduction to Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (GS) or Regions & Nations in Global Context (GS)	3
General Education courses		4
	Hours	**14**
Spring		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
General Education courses		9
	Hours	**16**

Sophomore		
Fall		
General Education, College, and Major courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
GEOG 3333	Spatial Analysis (Q)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
GEOG 4313	Field Techniques and Geodata Collection	3
GEOG 4333 or GEOG 4343 or GEOG 4353	Remote Sensing or Geographic Information Systems: Resource Management Applications or Geographic Information Systems: Socioeconomic Applications	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geography: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN) [1]	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
(See note 2.b.)		
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
Core Courses		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 3213	Digital Worlds: Culture, Identity, and Community (H)	3
or GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
Additional GEOG courses		
Select 18 hours (15 must be upper-division)		18
Law-related courses		
Select 15 hours from the following or at the discretion of the advisor.		15
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
ENGL 3323	Technical Writing	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (G)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**45**
Electives		**13**

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.	
Hours Subtotal	**13**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1114	Introduction to Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (GS) or Regions & Nations in Global Context (GS)	3
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
	Hours	**16**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
2000-level Foreign Language		3
General Education, College, and Elective courses		9
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geography: Pre-Ministry, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course.		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
Core		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GEOG 3213	Digital Worlds: Culture, Identity, and Community (H)	3
or GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4313	Field Techniques and Geodata Collection	3
Additional GEOG courses		
Select 18 hours (15 hours must be upper-division)		18
Pre-Ministry Preparation		
Select 15 hours from the following:		
Select 9 hours upper-division REL courses, with at least 3 hours with non-Western emphasis		9
Select 6 hours upper-division (non-GEOG) Culture and Society courses from the following or at the discretion of the advisor:		6
AMST 3253	Globalization and American Culture (H)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
CPSY 3003	Introduction to Counseling and Related Professions	
HIST 3363	Popular Religion in the West, 1300-1700 (H)	
HIST 3953	Earthly Powers: Politics and Religion in Modern Europe	
PHIL 3613	Philosophy of Religion (H)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4533	World Population Problems	
SOC 4653	Gender and the Middle East (GS)	
SOC 4383	Social Stratification (S)	
SOC 4723	Sociology of Families (S)	
Hours Subtotal		**45**
Electives		
13 hours of Electives		13

May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.	
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.	
Hours Subtotal	**13**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1114	Introduction to Physical Geography (LN)	4
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (GS) or Regions & Nations in Global Context (GS)	3

1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
1813 Second Semester Foreign Language		3
General Education courses		6
	Hours	**16**
Sophomore		
Fall		
2000-level Foreign Language		3
General Education, College, and Major courses		12
	Hours	**15**
Spring		
General Education, College, and Major courses		15
	Hours	**15**
Junior		
Fall		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
GEOG 4313	Field Techniques and Geodata Collection	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geospatial Information Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
GEOG 1114	Introduction to Physical Geography (LN) [1]	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F)		3
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 1113	Computer Science I (Q)	3
Select 6 additional hours		6
See note 2.b.		
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50.		
Core courses		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 3333	Spatial Analysis (Q)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4323	Mapping in Modern Society	3
GEOG 4383	Geospatial Programming with Python and AI Tools	3
GEOG 4943	Geospatial Information Science Internship/ Research Capstone	3
Select three of the following:		9
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOL 4303	Geophysical Field Methods	
GEOG 4333	Remote Sensing	
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
GEOG 4373	Geographic Information Systems in Public Health	
GEOG 4663	Web GIS: Trends, Principles, and Applications	
Select one of the following:		3
CS 2133	Computer Science II	
MSIS 2203	Computer Programming for Business	
MSIS 3103	End User Database Systems Design and Management	
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Select 6 hours upper-division GEOG courses		6
Select 6 hours upper-division (non-GEOG) departmental approved related courses		6
AVED 4343	Geospatial Technologies for Aerospace Managers	
CIVE 3614	Engineering Surveying	
CIVE 4033	GIS Applications for Water Resources	

MSIS 3163	Web Design Essentials	
MSIS 3203	Advanced Computer Programming for Business	
MSIS 4033	Information Systems Project Management and Communication	
MSIS 4273	Legal and Ethical Issues in Information Systems	
MSIS 4623	Data Science Programming	
MSIS 4673	Data Visualization	
And others with consent of department		
Hours Subtotal		**46**
Electives		
Select 21 hours		21
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
Hours Subtotal		**21**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all GEOG courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
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   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
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   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 2144	Calculus I (Q)	4
GEOG 1114	Introduction to Physical Geography (LN)	4
General Education Courses		6
	Hours	**14**
Spring		
STAT 2013 or STAT 2053	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
CS 1113	Computer Science I (Q)	3
General Education Courses		6
	Hours	**16**
Sophomore		
Fall		
GEOG 3333	Spatial Analysis (Q)	3
College and Elective courses		9
CS 2133 or MSIS 2203 or MSIS 3103	Computer Science II or Computer Programming for Business or End User Database Systems Design and Management	3
	Hours	**15**
Spring		
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
GEOG 4333 or GEOG 4263 or GEOL 4303 or GEOG 4353 or GEOG 4373 or GEOG 4663	Remote Sensing or Geospatial Applications for Unmanned Aerial Systems or Geophysical Field Methods or Geographic Information Systems: Socioeconomic Applications or Geographic Information Systems in Public Health or Web GIS: Trends, Principles, and Applications	3
GEOG 4383	Geospatial Programming with Python and AI Tools	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
GEOG 4323	Mapping in Modern Society	3
GEOG 4343 or GEOG 4263 or GEOG 4663 or GEOL 4303	Geographic Information Systems: Resource Management Applications or Geospatial Applications for Unmanned Aerial Systems or Web GIS: Trends, Principles, and Applications or Geophysical Field Methods	3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
GEOG 4353 or GEOG 4263 or GEOL 4303 or GEOG 4333 or GEOG 4373 or GEOG 4663	Geographic Information Systems: Socioeconomic Applications or Geospatial Applications for Unmanned Aerial Systems or Geophysical Field Methods or Remote Sensing or Geographic Information Systems in Public Health or Web GIS: Trends, Principles, and Applications	3
GEOG 4943	Geospatial Information Science Internship/Research Capstone	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Geospatial Information Technologies (GSIT), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

Minimum Grade and/or GPA for Minor Courses: 2.5 and no lower than a "C" in any course used toward the minor requirements.
Total Hours: 16

Code	Title	Hours
Course Requirements		
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
Select three courses from the following:		9
GEOG 4343	Geographic Information Systems: Resource Management Applications	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
GEOG 4333	Remote Sensing	
GEOG 4323	Mapping in Modern Society	
GEOG 4383	Introduction to GIS Programming	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4303	Applications of the Global Positioning System in Field Research	
GEOG 4313	Field Techniques and Geodata Collection	
Total Hours		**16**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Global Studies (GLST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

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Minimum grade and/or GPA: 2.5 and no longer than a "C" in any course used toward the minor requirements.
Total Hours: 17

Code	Title	Hours
Minor Requirements		
GEOG 2002	Global Sustainability (N)	2
or GLST 2002	Global Sustainability (N)	
GEOG 2103	Global Perspectives (IS)	3
or GLST 2103	Global Perspectives (IS)	
Select any four of the following optional courses:		12
GEOG 3053	Introduction to Central Asia Studies	
or GLST 3053	Introduction to Central Asia Studies	
GEOG 3713	Exploring North America and Diversity (DS)	
or GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3723	Europe (IS)	
or GLST 3723	Europe (IS)	
GEOG 3733	Russia and Its Neighbors (IS)	
or GLST 3733	Russia and Its Neighbors (IS)	
GEOG 3743	Latin America (IS)	
or GLST 3743	Latin America (IS)	
GEOG 3753	Asia (IS)	
or GLST 3753	Asia (IS)	
GEOG 3763	Africa (IS)	
or GLST 3763	Africa (IS)	
GEOG 3783	The Middle East (IS)	
or GLST 3783	The Middle East (IS)	
GEOG 3793	Australia and the Pacific Realm (IS)	
or GLST 3793	Australia and the Pacific Realm (IS)	
One second year or higher foreign language may be substituted for one of the optional courses above.		
Total Hours		**17**

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Global Studies, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (GS)	3
GEOG 1713	Regions & Nations in Global Context (GS)	3
GEOG 2103	Global Perspectives (GS)	3
or GLST 2103	Global Perspectives (GS)	
GEOG 2002	Global Sustainability (N)	2
or GLST 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
Skills Requirement		
Select one of the following or another course at the discretion of the advisor:		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (Q)	
or, a second 2000-level foreign language course		
Regional Study		
Western region:		
Select one of the following:		3
GLST 3713	Exploring North America and Diversity (DS)	
or GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (GS)	
or GEOG 3723	Europe (GS)	
GLST 3743	Latin America (GS)	
or GEOG 3743	Latin America (GS)	
GLST 3793	Australia and the Pacific Realm (GS)	
or GEOG 3793	Australia and the Pacific Realm (GS)	
Non-Western region:		
Select one of the following:		3
GLST 3053	Introduction to Central Asia Studies (GS)	
or GEOG 3053	Introduction to Central Asia Studies	
GLST 3733	Russia and Its Neighbors (GS)	
or GEOG 3733	Russia and Its Neighbors (GS)	
GLST 3753	Asia (GS)	
or GEOG 3753	Asia (GS)	
GLST 3763	Africa (GS)	
or GEOG 3763	Africa (GS)	

GLST 3783	The Middle East (GS)	
or GEOG 3783	The Middle East (GS)	
Additional GEOG/GLST courses		6
Thematic Courses		
Select five courses from one category (p. 1372)		15
Hours Subtotal		**44**
Electives		
Select 14 hours		14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 7 additional upper-division hours		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**14**
Total Hours		**120**

Categories

Culture, the Arts and Humanities

Code	Title	Hours
AFAM 2223	Movements of the Black Diaspora (G)	3
ANTH 3353	Cultural Anthropology (GS)	3
ANTH 3443	Peoples of Mesoamerica (GS)	3
ARCH 2003	Architecture and Society (GH)	3
ART 4703	Art East and West: Biases and Borrowings	3
ART 4713	The Visual Culture of the Islamic World (GH)	3
ART 4683	Modern and Contemporary Art in Asia	3
ART 4793	Architecture and Space in East Asia	3
DM 4323	Heritage of Interior Design II (G)	3
ECON 3723	The Economics of Sport	3
ENGL 2963	Survey of Postcolonial and Indigenous Literatures (GH)	3
ENGL 3463	History of International Film (GH)	3
ENGL 4350	Contemporary International Cinema	3
ENTM 3043	The World of Entertainment Media	3
GEOG 3173	Cultural Geography (S)	3
GEOG 3213	Digital Worlds: Culture, Identity, and Community (H)	3
GEOG 3523	Gender and Religion Across Cultures (H)	3
GEOG 4143	Geography of Travel and Tourism	3
GEOG 4153	Geography of Outdoor Recreation	3
GEOG 4213	Sport, Place and Society (S)	3
GEOG 4223	Geography of Music (H)	3
GWST 4950	Special Topics in Global Feminism	3
HIST 2133	African Diaspora History(DH)	3
HTM 3223	International Travel and Tourism (G)	3
HIST 4113	Globalization and American Culture	3
HIST 4453	History and Film (H)	3
HIST 4753	Muslim-Christian Relations (H)	3
LL 3633	Language and Migration (GS)	3
LL 3713	Chinese Culture (G)	3
MKTG 3713	Sports Marketing	3
MUSI 3583	Traditional World Music (H)	3
MUSI 3593	Video Game Music	3
PHIL 1213	Philosophies of Life (H)	3
PHIL 2483	Ethics & Sports (H)	3
PHIL 2513	Philosophy, Self, & Society (H)	3
PHIL 3613	Philosophy of Religion (H)	3
PHIL 3623	Philosophy of Race (DH)	3
PHIL 3943	Eastern Philosophy (GH)	3
PHIL 4943	Indian Philosophy	3
PHIL 4953	East Asian Philosophy	3
POLS 3973	Race, Politics and Sports (D)	3
PSYC 4633	Psychology of Sport and Human Performance	3
REL 1103	Introduction to World Religions (GH)	3
RM 2403	Recreation and Society (G)	3
REL 3113	Asian Religions (GH)	3
REL 3313	Islam: History, Culture and Beliefs (GH)	3
REL 3613	Global Christianity (GH)	3
REL 3713	Religion, Culture and Society	3
or SOC 3713	Religion, Culture and Society	
REL 4113	The World of Islam: Cultural Perspectives (GH)	3
REL 4213	Understanding Global Islam (GH)	3
REL 4223	Religion and Conflict in the Middle East (GH)	3
SOC 3153	Sociology of Sport (S)	3
SOC 4653	Gender and the Middle East (GS)	3
SPM 3843	Contemporary Sports Issues	3

Geopolitics and the Global Economy

Code	Title	Hours
ECON 1113	The Economics of Social Issues (S)	3
ECON 3613	International Economic Relations (GS)	3
ECON 4643	International Economic Development (GS)	3
EEE 4403	Social Entrepreneurship	3
FIN 4003	Introduction to Energy Business	3
FIN 4213	International Financial Management	3
GEOG 3123	Urban Geography (S)	3
GEOG 3133	Political Geography (GS)	3
GEOG 3163	Economic Geography (S)	3
GEOG 3183	Transportation Geography	3
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	3
HIST 3113	Germany Since 1815 (GH)	3
HIST 3123	History of Africa (GH)	3
HIST 3163	Russia Since 1861 (GH)	3
HIST 3323	Modern France, 1789-Present (GH)	3
HIST 3413	East Asia Since 1800 (GH)	3
HIST 3423	Modern Japan (GH)	3
HIST 3433	Modern China (GH)	3
HIST 3463	Modern Latin America (GH)	3
HIST 3513	Modern Middle East (GH)	3
HIST 3963	Modern Empires and Revolutions (H)	3
HIST 4563	Cold War (GH)	3

HIST 4883	History of Modern Southeast Asia (GH)	3
MKTG 3993	International Business (G)	3
MKTG 4553	International Marketing	3
PHIL 2413	Global Ethics (GH)	3
POLS 2113	Introduction to Comparative Politics (GS)	3
POLS 2013	Introduction to International Relations (S)	3
POLS 3003	The Soviet Union: History, Society and Culture(GS)	3
POLS 3033	International Law	3
POLS 3123	Russian & Eurasian Politics (G)	3
POLS 3143	European Politics (G)	3
POLS 3163	African Politics (G)	3
POLS 3193	Latin American Politics (GS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 4013	American Foreign Policy	3
POLS 4023	Intelligence and Security Analysis	3
POLS 4033	Civil Wars (G)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (G)	3
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy (S)	3
PSYC 4213	Conflict Resolution (S)	3
SOC 3323	Collective Behavior and Social Movements	3

Sustainability

Code	Title	Hours
AGEC 3723	Environmental Law for Agriculture and Natural Resources	3
AGLE 3803	Global Leadership in Agriculture (G)	3
ANSI 3903	Agricultural Animals of the World (G)	3
BIOL 3153	Animal Behavior	3
ENGL 3083	Global Approaches to Ecological Storytelling (G)(H)	3
ENGL 3293	Media and the Environment (H)	3
ENPP 2143	Global Agricultural Biosecurity and Forensics	3
ENTO 2003	Insects and Society (N)	3
ENTO 2223	Insects in Global Public Health (N)	3
ENVR 1113	Elements of Environmental Science (N)	3
ENVR 4573	Ethical Issues in Agriculture and the Environment	3
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	4
GEOG 3023	Climatology (N)	3
GEOG 3113	Global Water Resources: Sustainability & Justice (GS)	3
GEOG 3153	Conservation of Natural Resources (S)	3
GEOG 3373	Health and Maps	3
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4113	Environment and Development	3
GEOG 4003	Natural Hazards and Society	3
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4233	Human Dimensions of Global Environmental Change	3
GEOL 2443	Environmental Geology and Human Health (N)	3
HIST 3803	History of Food (H)	3
HIST 4063	Historic Preservation	3
HLTH 3211	International Comparative Health (G)	1
HLTH 4783	Public Health and Aging	3
HORT 3153	Turf Management	3
HTM 2563	Culture, Food, and Travel (G)	3
MGMT 4463	Industrial Ecology for Business	3
MICR 4313	GeoMicrobiology	3
NREM 4043	Natural Resource Administration and Policy	3
NREM 4093	Natural Resources, People and Sustainable Development (G)	3
NSCI 3543	Food and the Human Environment (GS)	3
PBIO 3253	Environment and Society (N)	3
PBIO 3263	Plants and People (N)	3
PHIL 3703	Ethics & Animals (H)	3
PHIL 3733	Environmental Ethics (H)	3
POLS 4363	Environmental Law And Policy	3
POLS 4593	Natural Resources and Environmental Policy	3
SOC 3993	Sociology of Aging (DS)	3
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 4533	World Population Problems	3

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1113	Introduction to Cultural Geography (GS)	3
GEOG 1114	Introduction to Physical Geography (LN)	4
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (Q) or Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
GEOG 1713	Regions & Nations in Global Context (GS)	3
1813 Second Semester Foreign Language		3
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
	Hours	**15**
Spring		
GLST 2103	Global Perspectives (GS)	3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
GLST 4513	Senior Capstone Experience	3

Major, College, and Elective courses	12
Hours	**15**
Total Hours	**120**

Global Studies: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher excluding MATH 1493))	3
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course (See note 2.d.)		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (GS)	3
GEOG 1713	Regions & Nations in Global Context (GS)	3
GLST 2103	Global Perspectives (GS)	3
or GEOG 2103	Global Perspectives (GS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
Skills Requirement (one of the following or another course at the discretion of the advisor):		*3*
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (Q)	
or a second 2000-level course in ASL, CHIN, GREK, GRMN, JAPN, LATN, RUSS, or SPAN		
Regional Study (6 hours, select one from each category):		
Western Region (3 hours):		3
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (GS)	
GEOG 3723	Europe (GS)	
GLST 3743	Latin America (GS)	
GEOG 3743	Latin America (GS)	
GLST 3793	Australia and the Pacific Realm (GS)	
GEOG 3793	Australia and the Pacific Realm (GS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies (GS)	
GEOG 3053	Introduction to Central Asia Studies	
GLST 3733	Russia and Its Neighbors (GS)	
GEOG 3733	Russia and Its Neighbors (GS)	
GLST 3753	Asia (GS)	
GEOG 3753	Asia (GS)	
GLST 3763	Africa (GS)	
GEOG 3763	Africa (GS)	
GLST 3783	The Middle East (GS)	
GEOG 3783	The Middle East (GS)	
Additional GEOG/GLST courses (3 hours)		*3*

Thematic courses (12 hours):		
Select four courses from one category:		12
Culture, the Arts, and Humanities:		
	AFAM 2223	Movements of the Black Diaspora (G)
	ARCH 2003	Architecture and Society (GH)
	ANTH 3353	Cultural Anthropology (GS)
	ANTH 3443	Peoples of Mesoamerica (GS)
	ART 4683	Modern and Contemporary Art in Asia
	ART 4703	Art East and West: Biases and Borrowings
	ART 4713	The Visual Culture of the Islamic World (GH)
	ART 4793	Architecture and Space in East Asia
	DM 4323	Heritage of Interior Design II (G)
	ECON 3723	The Economics of Sport
	ENGL 2963	Survey of Postcolonial and Indigenous Literatures (GH)
	ENGL 3463	History of International Film (GH)
	ENGL 4350	Contemporary International Cinema
	ENTM 3043	The World of Entertainment Media
	GEOG 3173	Cultural Geography (S)
	GEOG 3213	Digital Worlds: Culture, Identity, and Community (H)
	GEOG 3523	Gender and Religion Across Cultures (H)
	GEOG 4143	Geography of Travel and Tourism
	GEOG 4153	Geography of Outdoor Recreation
	GEOG 4213	Sport, Place and Society (S)
	GEOG 4223	Geography of Music (H)
	GWST 4950	Special Topics in Global Feminism
	HIST 2133	African Diaspora History(DH)
	HIST 4113	Globalization and American Culture
	HIST 4453	History and Film (H)
	HIST 4753	Muslim-Christian Relations (H)
	HTM 3223	International Travel and Tourism (G)
	LL 3633	Language and Migration (GS)
	LL 3713	Chinese Culture (G)
	MKTG 3713	Sports Marketing
	MUSI 3583	Traditional World Music (H)
	MUSI 3593	Video Game Music
	PHIL 1213	Philosophies of Life (H)
	PHIL 2483	Ethics & Sports (H)
	PHIL 2513	Philosophy, Self, & Society (H)
	PHIL 3613	Philosophy of Religion (H)
	PHIL 3623	Philosophy of Race (DH)
	PHIL 3943	Eastern Philosophy (GH)
	PHIL 4943	Indian Philosophy
	PHIL 4953	East Asian Philosophy
	POLS 3973	Race, Politics and Sports (D)
	PSYC 4633	Psychology of Sport and Human Performance
	RM 2403	Recreation and Society (G)
	REL 1103	Introduction to World Religions (GH)
	REL 3113	Asian Religions (GH)
	REL 3313	Islam: History, Culture and Beliefs (GH)
	REL 3613	Global Christianity (GH)
	REL 3713	Religion, Culture and Society
	REL 4113	The World of Islam: Cultural Perspectives (GH)
	REL 4213	Understanding Global Islam (GH)
	REL 4223	Religion and Conflict in the Middle East (GH)
	SOC 3153	Sociology of Sport (S)
	SOC 3713	Religion, Culture and Society
	SOC 4653	Gender and the Middle East (GS)
	SPM 3843	Contemporary Sports Issues
Geopolitics and the Global Economy:		
	ECON 1113	The Economics of Social Issues (S)
	ECON 3613	International Economic Relations (GS)
	ECON 4643	International Economic Development (GS)
	FIN 4003	Introduction to Energy Business
	FIN 4213	International Financial Management
	GEOG 3123	Urban Geography (S)
	GEOG 3133	Political Geography (GS)
	GEOG 3163	Economic Geography (S)
	GEOG 3183	Transportation Geography
	HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)
	HIST 3113	Germany Since 1815 (GH)
	HIST 3123	History of Africa (GH)
	HIST 3163	Russia Since 1861 (GH)
	HIST 3323	Modern France, 1789-Present (GH)
	HIST 3413	East Asia Since 1800 (GH)
	HIST 3423	Modern Japan (GH)
	HIST 3433	Modern China (GH)
	HIST 3463	Modern Latin America (GH)
	HIST 3513	Modern Middle East (GH)
	HIST 3963	Modern Empires and Revolutions (H)
	HIST 4563	Cold War (GH)
	HIST 4883	History of Modern Southeast Asia (GH)
	MC 4153	International Mass Communication
	MKTG 3213	Marketing (S)
	MKTG 3993	International Business (G)
	MKTG 4553	International Marketing
	PHIL 2413	Global Ethics (GH)
	POLS 2013	Introduction to International Relations (S)
	POLS 2113	Introduction to Comparative Politics (GS)
	POLS 3003	The Soviet Union: History, Society and Culture(GS)
	POLS 3033	International Law
	POLS 3123	Russian & Eurasian Politics (G)
	POLS 3143	European Politics (G)
	POLS 3163	African Politics (G)
	POLS 3193	Latin American Politics (GS)
	POLS 3223	Asian Politics
	POLS 3313	Middle Eastern Politics
	POLS 3893	Terrorism & Counterterrorism
	POLS 4013	American Foreign Policy

POLS 4023	Intelligence and Security Analysis
POLS 4033	Civil Wars (G)
POLS 4043	Global Political Economy
POLS 4053	War And World Politics (G)
POLS 4113	International Organization
POLS 4223	Social Movements
POLS 4333	Improving Democracy (S)
PSYC 4213	Conflict Resolution (S)
SOC 3323	Collective Behavior and Social Movements
Sustainability:	
AGEC 3723	Environmental Law for Agriculture and Natural Resources
AGLE 3803	Global Leadership in Agriculture (G)
ANSI 3903	Agricultural Animals of the World (G)
BIOL 3153	Animal Behavior
ENGL 3083	Global Approaches to Ecological Storytelling (G)(H)
ENGL 3293	Media and the Environment (H)
ENPP 2143	Global Agricultural Biosecurity and Forensics
ENTO 2003	Insects and Society (N)
ENTO 2223	Insects in Global Public Health (N)
ENVR 1113	Elements of Environmental Science (N)
ENVR 4573	Ethical Issues in Agriculture and the Environment
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)
GEOG 3023	Climatology (N)
GEOG 3113	Global Water Resources: Sustainability & Justice (GS)
GEOG 3153	Conservation of Natural Resources (S)
GEOG 3373	Health and Maps
GEOG 4003	Natural Hazards and Society
GEOG 4073	Climate Change: Past, Present, and Future
GEOG 4113	Environment and Development
GEOG 4233	Human Dimensions of Global Environmental Change
GEOL 2443	Environmental Geology and Human Health (N)
HIST 3803	History of Food (H)
HIST 4063	Historic Preservation
HLTH 3211	International Comparative Health (G)
HLTH 4783	Public Health and Aging
HORT 3153	Turf Management
HTM 2563	Culture, Food, and Travel (G)
MGMT 4463	Industrial Ecology for Business
MICR 4313	GeoMicrobiology
NREM 4043	Natural Resource Administration and Policy
NREM 4093	Natural Resources, People and Sustainable Development (G)
NSCI 3543	Food and the Human Environment (GS)
PBIO 3253	Environment and Society (N)
PBIO 3263	Plants and People (N)
PHIL 3703	Ethics & Animals (H)
PHIL 3733	Environmental Ethics (H)
POLS 4363	Environmental Law And Policy
POLS 4593	Natural Resources and Environmental Policy
SOC 3993	Sociology of Aging (DS)
SOC 4433	Environmental Sociology (S)
SOC 4453	Environmental Inequality (S)
SOC 4533	World Population Problems
Business Essentials:	
ACCT 2003	Survey of Accounting 3
MGMT 3013	Fundamentals of Management (S) 3
MKTG 3213	Marketing (S) 3
Select three hours from:	3
ECON 2003	Microeconomic Principles for Business
EEE 2023	Introduction to Entrepreneurship
LSB 3213	Legal and Regulatory Environment of Business
MSIS 2103	Business Data Science Technologies
Hours Subtotal	**50**
Electives	
8 hours of Electives	8
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.	
Hours Subtotal	**8**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**

a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1113	Introduction to Cultural Geography (GS)	3
GEOG 1114	Introduction to Physical Geography (LN)	4
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (Q) or Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
GEOG 1713	Regions & Nations in Global Context (GS)	3
1813 Second Semester Foreign Language		3
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
	Hours	**15**
Spring		
GLST 2103	Global Perspectives (GS)	3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**

Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Global Studies: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
(See note 2.b.)		
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course (See note 2.d.)		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GLST 2103	Global Perspectives (GS)	3
or GEOG 2103	Global Perspectives (GS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
Skills Requirement (one of the following or another course at the discretion of the advisor):		*3*
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (Q)	
or second 2000-level foreign language		
Regional Study (6 hours, select one from each category):		
Western Region (3 hours):		3
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (GS)	
GEOG 3723	Europe (GS)	
GLST 3743	Latin America (GS)	
GEOG 3743	Latin America (GS)	
GLST 3793	Australia and the Pacific Realm (GS)	
GEOG 3793	Australia and the Pacific Realm (GS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies (GS)	
GEOG 3053	Introduction to Central Asia Studies	
GLST 3733	Russia and Its Neighbors (GS)	
GEOG 3733	Russia and Its Neighbors (GS)	
GLST 3753	Asia (GS)	
GEOG 3753	Asia (GS)	
GLST 3763	Africa (GS)	
GEOG 3763	Africa (GS)	
GLST 3783	The Middle East (GS)	

GEOG 3783	The Middle East (GS)	
Additional GEOG/GLST courses (6 hours)		6
3 hours upper-division GEOG/GLST or foreign language		3
Law-related courses (15 hours):		15
AGEC 3723	Environmental Law for Agriculture and Natural Resources	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
ENGL 3323	Technical Writing	
ENPP 2143	Global Agricultural Biosecurity and Forensics	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (G)	
NREM 4043	Natural Resource Administration and Policy	
PHIL 3513	Social & Political Philosophy (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3893	Terrorism & Counterterrorism	
POLS 3983	Courts and Judicial Process	
POLS 4013	American Foreign Policy	
POLS 4023	Intelligence and Security Analysis	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SOC 4733	Criminal Behavior Analysis	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**44**
Electives		
14 hours of Electives		14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**14**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1113	Introduction to Cultural Geography (GS)	3
GEOG 1114	Introduction to Physical Geography (LN)	4
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (Q) or Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
GEOG 1713	Regions & Nations in Global Context (GS)	3
1813 Second Semester Foreign Language		3
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		7
	Hours	**15**
Spring		
GLST 2103	Global Perspectives (GS)	3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Global Studies: Pre-Ministry, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one from the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
GEOG 1114	Introduction to Physical Geography (LN)	4
2 hours designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50.		
GEOG 1113	Introduction to Cultural Geography (GS)	3
or GEOG 1713	Regions & Nations in Global Context (GS)	
GLST 2103	Global Perspectives (GS)	3
or GEOG 2103	Global Perspectives (GS)	
GLST 2002	Global Sustainability (N)	2
or GEOG 2002	Global Sustainability (N)	
GLST 4513	Senior Capstone Experience	3
Skills Requirement		
Select one of the following or another course at the discretion of the advisor):		3
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4313	Field Techniques and Geodata Collection	
GEOG 3333	Spatial Analysis (Q)	
or second 2000-level foreign language		
Regional Study (6 hours, select one from each category):		
Western Region (3 hours):		3
GLST 3713	Exploring North America and Diversity (DS)	
GEOG 3713	Exploring North America and Diversity (DS)	
GLST 3723	Europe (GS)	
GEOG 3723	Europe (GS)	
GLST 3743	Latin America (GS)	
GEOG 3743	Latin America (GS)	
GLST 3793	Australia and the Pacific Realm (GS)	
GEOG 3793	Australia and the Pacific Realm (GS)	
Non-Western Region (3 hours):		3
GLST 3053	Introduction to Central Asia Studies (GS)	
GEOG 3053	Introduction to Central Asia Studies	
GLST 3733	Russia and Its Neighbors (GS)	
GEOG 3733	Russia and Its Neighbors (GS)	
GLST 3753	Asia (GS)	
GEOG 3753	Asia (GS)	
GLST 3763	Africa (GS)	
GEOG 3763	Africa (GS)	
GLST 3783	The Middle East (GS)	
GEOG 3783	The Middle East (GS)	

Additional GEOG/GLST courses		
Select 6 hours		6
Upper-division GEOG/GLST or foreign language		
Select 3 hours		3
Pre-Ministry-related courses (15 hours):		
9 hours upper-division REL courses, with at least 3 hours from courses with a non-Western emphasis		9
6 hours Culture and Society courses - choose any 2 non-REL courses		6
AMST 3253	Globalization and American Culture (H)	
CPSY 3003	Introduction to Counseling and Related Professions	
CPSY 4443	Cultural Diversity in Professional Life (D)	
GEOG 3523	Gender and Religion Across Cultures (H)	
HIST 3363	Popular Religion in the West, 1300-1700 (H)	
HIST 4753	Muslim-Christian Relations (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3943	Eastern Philosophy (GH)	
REL 1103	Introduction to World Religions (GH)	
REL 2743	Religious Perspectives on Food and Agriculture (H)	
REL 3113	Asian Religions (GH)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3613	Global Christianity (GH)	
REL 3713	Religion, Culture and Society	
REL 4213	Understanding Global Islam (GH)	
REL 4223	Religion and Conflict in the Middle East (GH)	
REL 4613	Women in the Bible (H)	
REL 4753	Muslim-Christian Relations (H)	
PSYC 4213	Conflict Resolution (S)	
SOC 3713	Religion, Culture and Society	
SOC 4043	Gender and Work (DS)	
SOC 4383	Social Stratification (S)	
SOC 4533	World Population Problems	
SOC 4653	Gender and the Middle East (GS)	
SOC 4723	Sociology of Families (S)	
Hours Subtotal		**44**
Electives		
14 hours of Electives		14
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and one additional upper-division hour.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**14**
Total Hours		**120**

[1] College and Department Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.00 GPA in all GEOG and GLST courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language

(passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOG 1113	Introduction to Cultural Geography (GS)	3
GEOG 1114	Introduction to Physical Geography (LN)	4
1713 First Semester Foreign Language		3
General Education courses		4
	Hours	**14**
Spring		
STAT 2053 or STAT 2013 or STAT 2023	Elementary Statistics for the Social Sciences (Q) or Elementary Statistics (Q) or Elementary Statistics for Business and Economics (Q)	3
GEOG 1713	Regions & Nations in Global Context (GS)	3
1813 Second Semester Foreign Language		3
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
GLST 2002	Global Sustainability (N)	2
2000-level Foreign Language		3
General Education courses		10
	Hours	**15**
Spring		
GLST 2103	Global Perspectives (GS)	3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
GLST 4513	Senior Capstone Experience	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Boone Pickens School of Geology

Geology prepares you to step into the role of the next generation of Earth scientists through rigorous field- and lab-based training and hands-on research spanning energy and petroleum systems, hydrogeology and water resources, geophysics and earthquakes, geochemistry, and Earth structure and dynamics. These provide the scientific foundation for addressing global challenges such as climate change, natural disasters, and sustainable resource management. As part of Oklahoma State University's land-grant mission, we partner with industry, government, and communities to deliver interdisciplinary science and workforce-ready leaders whose work expands the frontiers of geoscience and produces tangible societal benefit. By training critical thinkers who connect science with real-world solutions, geology programs help ensure the planet's safety, sustainability, and resilience for future generations. We advance solutions that matter for Oklahoma and for our planet—responsible stewardship of our abundant energy and mineral resources, protection and sustainable management of our groundwater and surface water, and improved understanding and mitigation of geologic hazards. The Boone Pickens School of Geology maintains three undergraduate degree programs, (1) Geology, (2) Environmental Geoscience, and (3) Geophysics. We offer research opportunities in cutting-edge facilities, scholarships to support student success, and opportunities to develop a career that matches your passion and curiosity.

Geology

Geology is the study of Earth, its materials, history, and the dynamic processes that continue to shape the planet we live on. By examining rocks, minerals, fossils, and landforms, geologists reconstruct Earth's past and use that knowledge to better understand the forces driving earthquakes, volcanoes, mountain building, and landscape change. These insights also help scientists anticipate future environmental and geologic events that affect people and societies.

Geologists play a vital role in addressing some of the world's most pressing challenges. They explore for energy and mineral resources, study and protect groundwater systems, assess natural hazards such as landslides and earthquakes, and help manage the land and water resources that sustain us and our communities. Because many geological processes occur at or near Earth's surface, geoscientists often work in the field, combining outdoor investigation with laboratory analysis and advanced analytical technologies.

Within geology, students can pursue a wide range of specialized interests. Areas such as petroleum geology, hydrogeology (groundwater science), geomorphology (the study of landscapes and surface processes), structural geology (the deformation of Earth's crust), and paleontology (the study of fossils and the history of life) allow geoscientists to focus on the aspects of Earth science that most inspire them. A degree in geology provides a strong scientific foundation and prepares students for careers in energy, environmental consulting, water resources, natural hazard assessment, research, and many other fields where understanding Earth systems is essential.

Environmental Geoscience

Environmental Geoscience examines the complex interactions between humans and the natural Earth system. It focuses on how human activities influence the land, water, and atmosphere—and how natural processes such as climate variability, groundwater movement, erosion, and natural hazards shape the environments in which societies live and develop. By understanding these interactions, environmental geoscientists work to diagnose environmental problems and develop science-based solutions.

Environmental geoscientists investigate issues such as groundwater contamination, water resource sustainability, soil and ecosystem health, environmental pollution, and the impacts of natural hazards. In many ways, they function like physicians for the Earth system—using scientific tools and data to assess environmental conditions, identify the causes of problems, and recommend strategies for restoration, protection, and sustainable management.

Students in the Environmental Geoscience program earn an interdisciplinary STEM degree that integrates geology, hydrology, chemistry, and environmental science. Through fieldwork, laboratory analysis, and data-driven problem solving, students develop the skills needed to address real-world environmental challenges. Graduates are prepared for careers in environmental consulting, water resources management, environmental protection, and public policy, as well as for advanced study in environmental and Earth sciences.

Geophysics

Geophysics is the study of the Earth and other planets using the principles of physics, mathematics, and advanced computational methods to investigate processes that cannot be observed directly. By applying technologies such as seismic imaging, gravity and magnetic measurements, electrical methods, and remote sensing, geophysicists explore the structure and dynamics of the Earth from the near surface to deep within the planet.

Geophysicists play a central role in discovering and managing Earth's resources, including energy, minerals, and groundwater. They also use geophysical tools to detect earthquakes, map subsurface structures, locate subsurface resources and buried hazards, and identify environmental contamination. These approaches allow scientists to better understand natural systems while supporting responsible resource development and environmental stewardship.

The Bachelor of Science in Geophysics provides students with rigorous training that integrates geology, physics, mathematics, and computer modelling. Through coursework, field investigations, and hands-on experience with modern geophysical instrumentation and data analysis, students develop strong analytical and quantitative skills. Graduates are well prepared for advanced study in geophysics and related Earth sciences, as well as for careers in the energy, environmental, engineering, and regulatory sectors where geophysical expertise is increasingly in demand.

Research, Scholarships, and Careers

Students majoring in Geology, Environmental Geoscience, or Geophysics receive a rigorous, hands-on education designed to prepare them for leadership roles in the Earth and environmental sciences. Our programs combine strong scientific foundations with field experience, laboratory research, and modern analytical technologies, giving students the skills needed to pursue rewarding careers or continue to graduate study.

The Boone Pickens School of Geology offers multiple pathways for advanced training, including an Accelerated M.S. program, Master of Science (M.S.), and Ph.D. degrees. Both undergraduate and graduate students have opportunities to work alongside faculty on cutting-edge research and to participate in community and campus outreach activities that connect geoscience with real-world challenges.

Faculty research spans a wide range of topics that address critical questions about Earth systems and resources. These include plate tectonics, conventional and unconventional energy resources, environmental and engineering geoscience, carbon sequestration, paleoclimatology, and satellite remote sensing. Students benefit from working in a research environment supported by expert faculty, advanced laboratories, modern technologies, and an active culture of scientific discovery.

The school also provides departmental scholarships for full-time undergraduate majors based on academic achievement and financial need. Graduate students may be supported through teaching assistantships, research assistantships, and fellowships, allowing them to gain professional experience while pursuing advanced degrees.

Graduates of our programs enter a wide range of careers in both applied and research-focused fields. Geoscientists work in energy and mineral exploration, groundwater and water resource management, environmental consulting, hazard assessment, and environmental protection. Career paths are available with private industry, government agencies, national laboratories, consulting firms, and universities, as well as in education at the secondary and university levels.

A career in the geosciences can take you from field investigations using advanced instrumentation to laboratory-based research and global scientific collaboration. Whether working to understand Earth's history, develop sustainable energy and water resources, or address environmental challenges, students in the Boone Pickens School of Geology turn curiosity about the planet into meaningful careers that help shape a more sustainable future.

Courses

GEOL 1003 The Story of Dinosaurs (N)
Description: This course will explore the validity of arguments and/or conclusion in dinosaur research through evaluating the scientific evidence. In this course, students will read, experiment, and evaluate scientific literature surrounding dinosaurs.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

GEOL 1013 Exploring Earth: An Introduction to Geology (LN)
Description: An introductory course for non-science majors which will investigate how chemical, physical and biological processes interact to shape and regulate the Earth's environment. Will build your understanding of how each part of the Earth system – the ocean, atmosphere and interior – work and interact over time.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

GEOL 1014 Geology and Human Affairs (LN)
Description: The influence of geology and related earth sciences on the human environment. Energy and material resources, beneficial and hazardous natural processes, and the planetary and biological evolution of earth. Lab investigations environmentally oriented. Lab fees required for online section.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

GEOL 1022 Climate Change and Humanity (N)
Description: Focus on the development of scientific inquiry and critical thinking skills needed to evaluate complex relationships among climate, energy production, and the environment. Students will explore causes and consequences of climate change and consider climate change science from alternative perspectives. Same course as GEOG 1022.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 1111 Physical Geology Lab (L)
Prerequisites: (Co-requisite) GEOL 1113.
Description: Laboratory section to be taken concurrently with GEOL 1113. This course will primarily serve to reinforce the scientific method, introduce students to geological material classification, introduce quantitative methods in earth materials analysis, and teach students map analysis methods commonly undertaken by geoscientists to help serve societal needs. Concurrent enrollment in GEOL 1113 is required.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Geology
General Education and other Course Attributes: Laboratory-Based Inquiry

GEOL 1113 Physical Geology (N)
Prerequisites: GEOL 1111 (corequisite).
Description: Composition and structure of the earth and the modification of its surface by internal and external processes. Mineral resources, sources of energy, and environmental aspects of geology. Recommended introductory course for science majors. Field trip required. Concurrent enrollment in GEOL 1111 is required. May not be used for degree credit with GEOL 1114.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 1114 Physical Geology (LN)
Prerequisites: MATH 1483 or MATH 1513 or higher; or an acceptable math placement score or AP credit (see http://placement.okstate.edu).
Description: Composition and structure of the earth and the modification of its surface by internal and external processes. Mineral resources, sources of energy, and environmental aspects of geology. Recommended introductory course for science majors. Field trip required. May not be used for degree credit with GEOL 1113.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning
Additional Fees: Geology 1114 Field Trip fee of $45 applies.

GEOL 1214 Introductory Geological Processes (LN)
Description: This course is intended to introduce geoscience students to geological processes and foundational concepts within the geosciences, primarily through field-based instruction and exercises, as well as introducing students to the geology of Oklahoma. Field trips required.
Credit hours: 4
Contact hours: Lecture: 1 Contact: 4 Other: 3
Levels: Undergraduate
Schedule types: Independent Study, Lecture, Combined lecture & IS
Department/School: Geology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

GEOL 1224 Evolution of the Earth (LN)
Prerequisites: High school biology and chemistry recommended.
Description: A survey of the physical and biological history of the Earth from the coalescence of the solar system to the present. Field trips required.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning
Additional Fees: GEOL 1224 Field Trip fee of $25 applies.

GEOL 2013 Geology of the National Parks (N)
Description: The geologic characteristics of national parks and scenic regions in North America and throughout the world. Intended for non-majors. Previously offered as GEOL 3043.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 2030 Geologic Field Experience
Description: One to three weeks of required field study at sites of geological interest and significance. Field trip charges apply. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geology

GEOL 2043 Water on Earth
Description: The science of water, including surface water, ground water, water quality, pollution, and legal issues. Interrelations between the sciences and humanities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 2103 Fundamentals of Geophysics
Prerequisites: Minimum grade of "C" in: (GEOL 1014 or GEOL 1114 or GEOL 1214) and (PHYS 1114 or PHYS 2014 or acceptable AP credit).
Description: Course will introduce students to the basic concepts of geophysics. Students will gain theoretical and field experience with multiple geophysical techniques, such as: gravity, magnetic, seismic reflection/refraction, electrical resistivity, induced polarization, self-potential, ground penetrating radar and radiometrics and their applications in oil and gas, minerals, groundwater, and the environment. Field trip required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 2254 Practical Mineralogy
Prerequisites: GEOL 1014 or GEOL 1114 and CHEM 1314 or CHEM 1414 completed with a grade of "C" or higher.
Description: Hand-specimen identification of minerals using physical and chemical properties. Introductory optical identification of common rock forming minerals. Society's utilization of mineral resources. Field trips required. May not be used for degree credit with GEOL 2464.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 2364 Igneous and Metamorphic Petrology
Prerequisites: GEOL 2254 completed with a grade of "C" or higher.
Description: Origin, occurrence and classification of igneous and metamorphic rocks; hand-specimen and thin section identification. Optional field trip. May not be used for degree credit with GEOL 2464.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 2403 Chemistry of Earth Systems
Prerequisites: Minimum grade of "C" in (GEOL 1014 or GEOL 1114 or GEOL 1214) and (CHEM 1314 or CHEM 1414).
Description: This course will teach the basics of geochemistry as applied to Earth Systems, including topics and concerns related to the atmosphere, geosphere, biosphere, hydrosphere, and anthroposphere. Basic lab and field skills will also be introduced, including fundamentals of environmental measurement practices, geochemical instrumentation, and basic water and sediment sampling techniques.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 2443 Environmental Geology and Human Health (N)
Description: This course explores the connections between human health and environmental geological processes. Key concepts in geology are introduced as well as the pathways through which natural systems affect human health. Topics of interest will include exposures to asbestos, dust and aerosols, coal, and mercury. Course recommended for anyone with an interest in environmental or public health or for those just curious to know more about how the environment affects our health.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 2773 Introduction to Planetary Geology (N)
Description: Introduction to the geology of terrestrial planets and moons, exploring volcanism, plate tectonics, atmospheres, and planetary formation, as well as how meteorites and asteroids give insight into the formation of planetary systems.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 2890 Honors Experience in Geology
Prerequisites: Honors Program participation and concurrent enrollment in designated course(s).
Description: A supplemental Honors experience in Geology to partner concurrently with designated lower-division GEOL course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Honors Credit

GEOL 2990 Special Topics in Earth Science
Description: Selected topics in Geoscience presented in lecture or seminar format. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 3013 Field Methods in the Geosciences
Prerequisites: GEOL 1114 or GEOL 1014 or GEOL 1214
Description: This course is designed to help students develop basic skills in critical field methods utilized in later curricula and professional settings. The course focuses on field-intensive exercises and projects and includes multiple field trips.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 3014 Structural Geology
Prerequisites: Minimum grade of "C" in: GEOL 2464 and (PHYS 1114 or PHYS 2014 or acceptable AP credit).
Description: Behavior of earth materials during various deformational processes and analysis of the resulting structural features such as folds, faults and fractures.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology
Additional Fees: GEOL 3014 Field Trip fee of $40 applies.

GEOL 3034 Principles of Stratigraphy and Sedimentology
Prerequisites: GEOL 1224 and GEOL 2464 each with a grade of "C" or higher.
Description: Principles of stratigraphy and their applications. Survey of sedimentary rock types, principles of description and classification, origin of sedimentary deposits, analysis of stratigraphic sequences. Topics include depositional systems; litho- and biostratigraphy; geochronology and chronostratigraphy; magnetic, seismic, and sequence stratigraphy; tectonic vs. climatic controls. Field work required. Previously offered as GEOL 3033.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 3 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 3044 Rocks and Minerals
Prerequisites: Minimum grade of "C" in (GEOL 1014 or GEOL 1114 or GEOL 1214) and (CHEM 1314 or CHEM 1414 or acceptable AP credit).
Description: Origin, occurrence, and classification of minerals and igneous and metamorphic rocks; hand-specimen and thin section identification, including optical microscopy. Field trip required. Previously offered as GEOL 2464. May not be used for degree credit with GEOL 2254 and GEOL 2364.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 3073 Geomorphology
Prerequisites: GEOL 1014 or GEOL 1114 or GEOL 1214 or GEOG 1014.
Description: This course will outline key concepts in geomorphology including how different geological processes have shaped and are shaping the surface of the Earth. Summary of different geomorphological research methods. Discussion on how exogenic processes such water, glacier and wind weathering produce different landscapes. Discussion on how endogenic processes such as volcanism and tectonism contributes to geomorphological changes. Discussion of how geomorphological changes affect the climate. May not be used for degree credit with GEOL 5073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 3103 Paleontology
Description: Basic principles of paleontology involving invertebrates, vertebrates and plants. Course will explore the mechanisms and manifestations of evolution in the fossil record, learn key aspects of fossilized organism identification, and assess paleontology interpretations through hands-on experiential learning exercises. Field trips required.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 3413 Petroleum Geology for Engineers
Prerequisites: CHEM 1314 or CHEM 1414 with a grade of “C” or better.
Description: Examination of the fundamental concepts of petroleum geology with an emphasis on applications to drilling and reservoir engineering. Topics include reservoir architecture, traps and seals, the subsurface environment, wireline logs, geophysics and depositional systems. Field trip required. No degree credit for geology majors.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 3503 Environmental Geology (N)
Prerequisites: GEOL 1014 or GEOL 1114 or GEOL 1214 or consent of instructor.
Description: Application of geologic principles to environmental issues, including human use of the surface and subsurface of the earth and human interaction with extreme natural events such as earthquakes, floods and landslides. Field trip is required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 3513 Earthquakes, Volcanoes, and Disasters (N)
Description: An examination of the causes and effects of natural disasters related to earthquakes, volcanic activity, severe weather, flooding and other natural disasters. The course also examines the effects of these natural hazards on societies and approaches to mitigate the associated risks.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 3546 Field Geology
Prerequisites: Minimum grade of "C" in GEOL 3014 and GEOL 3034.
Description: Five weeks of field methods in geology. Required of all geology majors. Transportation and room and board fees required.
Credit hours: 6
Contact hours: Lab: 12 Contact: 12
Levels: Undergraduate
Schedule types: Lab
Department/School: Geology

GEOL 3890 Advanced Honors Experience in Geology
Prerequisites: Honors Program participation and concurrent enrollment in designated course(s).
Description: A supplemental Honors experience in Geology to partner concurrently with designated upper-division GEOL course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 8 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Honors Credit

GEOL 4023 Petroleum Geology
Prerequisites: GEOL 3014 and GEOL 3034.
Description: Origin, migration and accumulation of petroleum, requirements for source rock, reservoir rock and traps. Structure and stratigraphy of selected oil fields. Field trips required. May not be used for degree credit with GEOL 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4030 Geologic Field Investigation
Prerequisites: GEOL 1013, GEOL 1014, GEOL 1114 or GEOL 1224.
Description: One to three weeks of required field study at sites of geological interest and significance. Field trip charges apply. Does not substitute for GEOL 3546. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4103 Introduction to Geophysical Exploration
Prerequisites: MATH 2153 and a "C" or better in PHYS 1214 or PHYS 2114 or acceptable AP credit.
Description: An overview of geophysical methods and their applications to exploration, environmental and engineering problems. Seismic reflection and refraction methods, gravity, magnetic, resistivity and electromagnetic methods. A field trip required. May not be used for degree credit with GEOL 5103.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4113 Seismic Interpretation
Prerequisites: Minimum grade of "C" in (GEOL 2103 or GEOL 4443) and MATH 2153 and (PHYS 1214 or PHYS 2114).
Description: Examination of the reflection seismic interpretation methods with emphasis on the oil and gas industry. Both structural and stratigraphic methods. Hands-on interpretation using a standard industry software package. May not be used for degree credit with GEOL 5213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4114 Structural Geology and Tectonics
Prerequisites: GEOL 2464 or concurrent enrollment.
Description: The behavior of Earth materials during various deformational processes and analysis of the resulting features such as folds, faults, and fractures. Earth's evolution with the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for plate tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 3014, GEOL 4213, and GEOL 6213. Same course as GEOL 5213.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4213 Plate Tectonics
Prerequisites: GEOL 3014 or concurrent enrollment.
Description: Earth's evolution within the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for plate tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 4114 or GEOL 6213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4300 Geology Colloquium
Prerequisites: Geology majors only.
Description: Discussion of selected topics in the geological sciences with emphasis on professional presentation practices. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geology

GEOL 4303 Geophysical Field Methods
Prerequisites: GEOL 4103.
Description: Hands-on field investigations using the different geophysical surveying methods including electrical resistivity/induced polarization, self potential, electromagnetic, ground penetrating radar, gravity, magnetic, and seismic reflection and refraction. Instrumentation, field data acquisition, and interpretation will be emphasized. Several field trips and field projects required.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4313 Introduction to Well Log Analysis
Prerequisites: GEOL 3034 with a grade of C or better.
Description: Introduction for undergraduate Geology majors to basic properties of wireline well logs that are useful for those interested in the petroleum industry, subsurface environmental issues, ground water and geothermal energy. This course covers use of well logs to identify lithology, influence of borehole fluids, porosity and permeability on well log properties. Some exercises involve concurrent interpretation of well logs and core samples. Course includes lectures, in-class exercises, homework, and exams. No credit for students who have completed GEOL 4323 or GEOL 5353.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4323 Applied Well Log Analysis for Engineers
Prerequisites: GEOL 3413 with a grade of "C" or higher.
Description: This is a core course for the Minor in Petroleum Engineering. Course material builds on information to prerequisite course Geology 3413. This course covers geologic interpretation of reservoir characteristics based on a variety of well logs; quantitative determination of porosity and permeability, reservoir fluids and how they influence well log properties, calculation of water saturation, introduction to unconventional reservoirs, drilling and logging in lateral holes. May not be used for degree credit with GEOL 4313 or GEOL 5353.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4343 Advanced Petrophysics
Prerequisites: Minimum grade of "C" in PHYS 2014.
Description: Provides theoretical background on physical, chemical, and electrical principles involved in routine core analysis (RCA) and special core analysis (SCAL) generic data acquisition, as well as practical experience in applying computational methods to infer petrophysical properties of rocks from RCA and SCAL data. May not be used for degree credit with GEOL 5343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4403 Environmental Geochemistry
Prerequisites: GEOL 2403 or (GEOL 1014 or GEOL 1114 and CHEM 1515 or concurrent enrollment).
Description: This course is designed to help students comprehend the major chemical components of natural environments and to apply fundamental principles to understand the main controls on the chemistry of pristine and polluted soil, surface, and ground water environments. May not be used for degree credit with GEOL 5403.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4423 Groundwater Geochemistry
Prerequisites: Minimum grade of "C" in CHEM 1314 and MATH 2144.
Description: Provides, theoretical background to apply geochemical principles to understand and solve groundwater quality problems, as well as practical experience in applying computational methodologies and tools to predict the response of groundwater systems to natural and anthropogenic disturbances. May not be used for degree credit with GEOL 5423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4433 Applied Geostatistics
Prerequisites: MATH 2144 with a grade of "C" or higher.
Description: Application of geostatistical principles and tools to solve geology problems associated with the uncertainty and spatial variability of geological data. The focus is on petroleum and hydrological systems. May not be used for degree credit with GEOL 5333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4443 Environmental Geophysics
Prerequisites: A minimum grade of "C" in MATH 2144 and (PHYS 1114 or PHYS 2014 or GEOL 2103).
Description: This course addresses environmental and engineering geophysical applications to geological characterization in (1) groundwater, aquifer delineation and contaminant migration, (2) slope stability and engineering site characterization, (3) detection of abandoned landfills, underground storage tanks, UXO, (4) earthquake, sinkholes, and land subsidence hazards, and/or (5) non-invasive archeological site assessment. Students will gain hands-on experiences in both collecting geophysical data in the field and processing real field data in the lab. Field trips required. May not be used for degree credit with GEOL 5443.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4453 Hydrogeology
Description: The water cycle and ground-water systems as well as general problems related to ground-water occurrence, quantity, quality and pollution. Field trip required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4463 Physical Hydrogeology
Prerequisites: Completion of PHYS 1114 or PHYS 2014; GEOL 3503 recommended.
Description: Physical ground-water systems. Realistic problems to acquaint students with ground-water occurrence and movement. Geologic, geophysical, hydraulic testing and modeling techniques used to define an actual ground-water system. Ground-water regulations. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
Additional Fees: GEOL 4463 Field Trip fee of $100 applies.

GEOL 4503 Introduction to Oceanography (N)
Prerequisites: College-level chemistry recommended.
Description: Oceanography is an interdisciplinary field incorporating geology, physics, chemistry, and biology. This class will introduce students to oceanic and sedimentary processes, including plate tectonics, oceanic circulation, seawater chemistry, beaches and coastlines, benthic/pelagic sea life, and environmental concerns. Students will also discuss social, political, and economic topics that relate to the ocean.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 4513 Marine Geology
Prerequisites: Minimum grade of "C" in: GEOL 1014 or GEOL 1114 or GEOL 1214 or GEOL 4503.
Description: Comprehensive examination of the geology of the ocean basins. Topics include techniques of data collection and interpretation; shoreline, shelf and deep ocean processes; physical oceanography; origin and distribution of marine sediments; paleoceanography; marine mineral resources; marine tectonics and ocean history. May not be used for degree credit with GEOL 5513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4543 Introduction to Exploration Seismology
Prerequisites: Minimum grade of "C" or better in (GEOL 2103 or GEOL 4443) and MATH 2153 and (PHYS 1214 or PHYS 2114).
Description: Introduction to theory, techniques, and application of seismic to field of hydrocarbon, groundwater, and minerals exploration. Review of fundamentals of wave propagation, historical development of the science, and current literature on application and instrumentation. May not be used for degree credit with GEOL 5543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4573 Marine Biogeochemical Cycles
Prerequisites: GEOL 3034 with a grade of "C" or better and GEOL 4403 or concurrent enrollment.
Description: Analysis of the interactions between geological processes, biological activity, and chemical cycling for a range of elements. Limited discussion of atmospheric, terrestrial, and freshwater systems as they impact the oceans will also be discussed. Includes discussions of changes in elemental cycles through Earth's history and comparison to present-day patterns. May not be used for degree credit with GEOL 5573.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4583 Environmental Data Analytics
Prerequisites: Minimum grade of "C" in MATH 2144.
Description: Provides theoretical background and practical experience in extracting meaning from complex and heterogeneous environmental data sources to understand and manage the natural environment (geosphere, hydrosphere, biosphere, and atmosphere). May not be used for degree credit with GEOL 5583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4613 Magmatism and Metamorphism
Prerequisites: GEOL 2464.
Description: Exploration of the processes and environments in which magmatic and metamorphic rocks form, using aspects of mineralogy, petrology, geochemistry and plate tectonics. Will include lab and field examination of rocks, use of phase diagrams, thermodynamics and geochemical data. Field Trip required.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4643 Seismic Data Processing
Prerequisites: MATH 2144 and (PHYS 1114 or PHYS 2014) strongly recommended.
Description: Theoretical background and practical training in the processing of seismic reflection and refraction data for petroleum, environmental, and engineering applications. Hands-on digital data processing using standard industry software. Topics to be covered include digital filtering, statics corrections, velocity analysis, deconvolution, stacking, and migration. May not be used for degree credit with GEOL 5643.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4673 Critical Earth Materials
Prerequisites: GEOL 2464.
Description: The distribution, geological setting and genesis of metalliferous and non-metalliferous mineral deposits of economic value. Factors controlling the formation of these deposits and the linkages with many other geologic processes covered in other courses are explored. Discussion of geopolitical considerations to the exploration and production of critical earth materials.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 4753 Volcanology
Prerequisites: GEOL 2464 completed with a grade of "C" or higher.
Description: Examination of volcanic processes, products, and structures on Earth and other terrestrial bodies. Optional field trip. May not be used for degree credit with GEOL 5753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology

GEOL 4773 Planetary Geology (N)
Prerequisites: GEOL 1114 (required) and GEOL 3073 (recommended).
Description: Geology of planets and planetary bodies, including geomorphology, tectonics, geochemistry, and geophysics; perspectives on exploration; and life in the universe.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Natural Science Reasoning

GEOL 4981 Geoscience Internship
Prerequisites: Consent of instructor.
Description: Student participation in a research project during an internship in a Geoscience-related professional work setting. Graded on a pass/fail basis.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geology

GEOL 4990 Special Problems in Earth Science
Prerequisites: Permission of instructor.
Description: Individually designed study projects involving assigned reading, library work, field work, laboratory work or a combination of these. Field trips may be required. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Geology

GEOL 4993 Senior Honors Thesis
Prerequisites: Permission of instructor.
Description: A guided reading and research program ending with a thesis under direction of a senior faculty member, with a second faculty reader and oral examination.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Geology
General Education and other Course Attributes: Honors Credit

GEOL 5000 Master's Thesis
Prerequisites: Approval of graduate committee.
Description: Work toward master's thesis in geology. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Geology

GEOL 5023 Petroleum Geology
Prerequisites: GEOL 3014 and GEOL 3034.
Description: Origin, migration and accumulation of petroleum, requirements for source rock, reservoir rock and traps. Structure and stratigraphy of selected oil fields. Field trips required. May not be used for degree credit with GEOL 4023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5030 Geologic Field Investigation
Description: One to three weeks of required field study at sites of geological interest and significance. Emphasis will be placed on applicability to graduate research. Field trip charges apply. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5073 Geomorphology
Description: This course will outline key concepts in geomorphology including how different geological processes have shaped and are shaping the surface of the Earth. Summary of different geomorphological research methods. Discussion on how exogenic processes such as water, glacier and wind weathering produce different landscapes. Discussion on how endogenic processes such as volcanism and tectonism contributes to geomorphological changes. Discussion of how geomorphological changes affect the climate. No credit for students with credit in GEOL 3073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5093 Quaternary Geology and Geochronology
Prerequisites: GEOL 3034; MATH 1715 or equivalent; PHYS 2014 and PHYS 2114 or equivalent. All with a grade of "C" or higher.
Description: Examination of the causes and effects of climate change during the ice ages. Survey of dating methods applicable to the Quaternary, including radiocarbon and optical luminescence. Topics include the use of oxygen isotope proxy records, paleomagnetism, cosmogenic nuclides, isostasy and post-glacial rebound, causes of sea-level change, and ice age history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5100 Problems in Hydrogeology
Prerequisites: GEOL 4453.
Description: Advanced problems in hydrogeology with emphasis on quantitative methods. Field trips may be required. Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Graduate
Schedule types: Independent Study
Department/School: Geology

GEOL 5103 Introduction to Geophysical Exploration
Prerequisites: MATH 2153 and a "C" or better in PHYS 1214 or PHYS 2114 or acceptable AP credit.
Description: An overview of geophysical methods and their applications to exploration, environmental and engineering problems. Seismic reflection and refraction methods, gravity, magnetic, resistivity and electromagnetic methods. Field trip required. May not be used for degree credit with GEOL 4103.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5133 Structural Styles in Oil and Gas Exploration
Prerequisites: GEOL 3014 with a grade of "C" or higher.
Description: The theoretical, experimental and descriptive approach to structural styles formed by different tectonic stresses (i.e. extensional, contractional, strike-slip and salt tectonics) and their importance in oil and gas exploration. Course previously offered as GEOL 5203.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5143 Geological Remote Sensing
Prerequisites: GEOL 1013 or GEOL 1114 and PHYS 1114 or PHYS 2014 each with a minimum grade of "C".
Description: Many applications of remote sensing exist for geological and environmental issues, and this course introduces the techniques and processes including digital signal processing, statistical data extraction, image enhancement and classification. Students will experiment with different techniques and formulate a research project that can be answered using the techniques.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5183 Paleontology and Paleoceanographic Reconstruction
Prerequisites: Graduate standing or permission of instructor.
Description: This course examines invertebrates, the process of fossilization, taphonomy, and fossil uses in paleontologic reconstructions and biostratigraphy. Students are instructed and expected to complete various sample preparation techniques used in fossil examination. This course has a lecture and lab component. Students in this course should have a basic understanding of biology and evolution. Major ideas and background information will be provided in this course so anyone interested is welcome.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5213 Seismic Interpretation
Description: Examination of reflection seismic interpretation methods with emphasis on the oil and gas industry. Both structural and stratigraphic methods. Hands-on interpretation using a standard industry software package. Previously offered as GEOL 4203. No credit for students with credit in GEOL 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5223 Advanced Methods in Structural Geology
Prerequisites: GEOL 3014.
Description: Techniques in modern structural geology are changing fast. Students in this course will learn to use cutting-edge techniques in structural analysis to solve problems in the geosciences. At the end of this course, you will have collected structural data using a digital data system, analyzed geodetic data to calculate strain, use data collected from uncrewed aerial vehicles to create digital elevation models and characterize fractures, and conduct traditional fracture analyses from outcrop data. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5233 Trace Element Geochemistry
Prerequisites: One year of chemistry and GEOL 4403 or equivalent and GEOL 3034 or equivalent.
Description: Examination of the behavior of various trace elements in aqueous and sedimentary environments. Availability and mobility of trace elements, characterization of geochemical environments, and application to geologic problems.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5243 Research Methods and Techniques in Geosciences
Description: Application of the scientific method to geosciences research; introduction to library and internet searches; writing competitive research proposals; managing research activities; and disseminating research results.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5253 Petrology and Diagenesis of Clastic Rocks
Prerequisites: GEOL 3034.
Description: Examination of petrology and depositional facies of sandstones and shales. Identification of detrital and diagenetic constituents and determination of paragenetic sequence of diagenetic events. The effect of burial and thermal history on reservoir quality. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5273 Depositional Systems
Prerequisites: GEOL 3034, GEOL 3546.
Description: Examination of the processes within depositional environments and the facies they form. Focus on the environmental interpretation of rocks, cores and seismic profiles based on their composition, texture, character, stacking pattern and sedimentary structures. Emphasis on clastic systems. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5283 Subsurface Geologic Methods
Prerequisites: GEOL 3014, GEOL 3034.
Description: Use of subsurface geologic information from cores and well logs to prepare maps and identify oil and gas prospects. Field trips required.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5300 Geology Colloquium
Prerequisites: Graduate standing.
Description: Discussion of selected topics in the geological sciences with emphasis on professional presentation practices. Offered for fixed 1 credit hour, maximum of 2 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Geology

GEOL 5313 Plate Tectonics
Prerequisites: GEOL 3014 with a grade of "C" or higher.
Description: Study of the Earth's past and present tectonic environments within the framework of plate tectonics. Systematic examination of structural associations in relation to their spatial distributions around and within plate boundaries. Outlining the temporal evolution of the crust. Discussion on mechanisms for plate tectonics. Implication of plate tectonics in terms of resources and the environment. May not be used for degree credit with GEOL 4213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5333 Applied Geostatistics
Prerequisites: MATH 2144 with a grade of "C" or higher.
Description: Application of geostatistical principles and tools to solve geology problems associated with the uncertainty and spatial variability of geological data. The focus is on petroleum and hydrological systems. May not be used for degree credit with GEOL 4433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5343 Advanced Petrophysics
Prerequisites: Minimum grade of "C" in PHYS 2014.
Description: Provides theoretical background on physical, chemical, and electrical principles involved in routine core analysis (RCA) and special core analysis (SCAL) generic data acquisition, as well as practical experience in applying computational methods to infer petrophysical properties of rocks from RCA and SCAL data. May not be used for degree credit with GEOL 4343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5353 Advanced Well Log Analysis
Prerequisites: GEOL 3034 or consent of instructor.
Description: This course is for geology graduate students interested in the petroleum and environmental industries, geothermal energy and evaluating the subsurface environment using wireline logs. This course will focus on the geologic interpretation of a variety of well logs, as well as quantitative methods to determine porosity and permeability in aquifers and reservoirs, how reservoir fluids influence well log properties, calculating water saturation, and an introduction to unconventional reservoirs. Graduate students are given advanced homework exercises including interpretation of structure, selection of best logging technique, mineral identification, and fractured rock identification. Some exercises involve concurrent interpretation of well logs and core samples. No credit for students with credit in GEOL 4313 or GEOL 4323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5363 Carbonate Depositional Systems
Prerequisites: GEOL 3034 with a grade of "C" or higher.
Description: Survey course of the main types of carbonate sediments and depositional environments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology
Additional Fees: GEOL 5363 Field Trip fee of $242 and GEOL 5363 Consumable fee of $35 apply.

GEOL 5383 Sequence Stratigraphy
Prerequisites: GEOL 3034.
Description: Principles of sequence stratigraphy including carbonate and siliciclastic dominated intracratonic basins. Integration of surface and subsurface data in projects. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5393 Stratigraphy of the Midcontinent
Prerequisites: GEOL 3034 with a grade of "C" or higher.
Description: This course will examine Paleozoic stratigraphy of the North American Midcontinent consisting of Texas, Oklahoma, Kansas, Nebraska, Missouri, and northwestern Arkansas. The course will consist of lectures, student presentations, and extensive field work that will serve to familiarize the students with the surface and subsurface relationships of geologic formation and their potential for commercial exploitation for oil and gas resources.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 3 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5403 Environmental Geochemistry
Prerequisites: Graduate Standing required.
Description: This course is designed to help students comprehend the major chemical components of natural environments and to apply fundamental principles to understand the main controls on the chemistry of pristine and polluted soil, surface, and ground water environments. May not be used for degree credit with GEOL 4403.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5413 Applied Petroleum Geology for Engineers
Description: This course introduces graduate level engineering students to the fundamental concepts of geologic science with emphasis on application to reservoir evaluation, drilling and production of hydrocarbon accumulation. Weekly labs provide hands-on exercises of techniques used for reservoir evaluation. A term project allows graduate students to synthesize concepts from lectures and techniques learned in lab, to evaluate the economic potential of an oil field and prepare a professional presentation. May not be used for degree credit with GEOL 3413.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5423 Groundwater Geochemistry
Prerequisites: CHEM 1314 and MATH 2144.
Description: Provides, theoretical background to apply geochemical principles to understand and solve groundwater quality problems, as well as practical experience in applying computational methodologies and tools to predict the response of groundwater systems to natural and anthropogenic disturbances. May not be used for degree credit with GEOL 4423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5433 Isotope Geochemistry
Description: Introduction to the basic principles of stable isotope geochemistry. Study of the production, distribution, and use of naturally occurring and anthropogenically introduced stable isotopes in the earth's near surface environment with applications to hydrology, biogeochemistry, global change and petroleum systems.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5443 Environmental Geophysics
Description: This course addresses environmental and engineering geophysical applications to geological characterization in (1`) groundwater, aquifer delineation and contaminant migration, (2) slope stability and engineering site characterization, (3) detection of abandoned landfills, underground storage tanks, UXO, (4) earthquake, sinkholes, and land subsidence hazards, and/or (5) non-invasive archeological site assessment. Students will gain hands-on experiences in both collecting geophysical data in the field and processing real field data in the lab. Field trips required. May not be used for degree credit with GEOL 4443.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5453 Groundwater Modeling
Prerequisites: GEOL 4453 or equivalent, MATH 2144, MATH 2153 each with a grade of "C" or higher.
Description: Modeling ground water systems. Realistic problems to acquaint students with the movement of geological fluids. Developing models of fluid movement through the subsurface using geological and geophysical data. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5463 Physical Hydrogeology
Prerequisites: GEOL 4453 or equivalent with a grade of C or better; PHYS 2114 with a grade of C or better.
Description: Physical ground-water systems. Realistic problems to acquaint students with ground-water occurrence and movement. Geologic, geophysical, hydraulic testing and modeling techniques used to define an actual ground-water system. Ground-water regulations. Field trips required. May not be used for degree credit with GEOL 4463.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5483 Petroleum Water Management
Prerequisites: Minimum grade of "C" in GEOL 4453 and MATH 2153, or consent of instructor.
Description: Developing, maintaining, and disposing or recycling water for use in the petroleum industry. Problems associated with water production and disposal including water quality issues and seismicity. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5513 Marine Geology
Prerequisites: Minimum grade of "C" in: GEOL 1014 or GEOL 1114 or GEOL 1214 or GEOL 4503.
Description: Comprehensive examination of the geology of the ocean basins. Topics include: techniques of data collection and interpretation; shoreline, shelf and deep ocean processes; physical oceanography; origin and distribution of marine sediments; paleoceanography; marine mineral resources; marine tectonics and ocean history. Same course as GEOL 4513. May not be used for degree credit with GEOL 4513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5523 Environmental Organic Geochemistry
Prerequisites: CHEM 1314 and 1515 or equivalent; GEOL 3034 or equivalent; GEOL 4403 or equivalent or permission of instructor.
Description: Introduction to some environmental aspects of organic geochemistry. Soils and sediments as pollutant receptors, sources of pollutants and selected aspects of environmental health.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5533 Organic Geochemistry
Description: Introduction and broad overview of the biogeochemistry of organic compounds in geological systems, including sediments, water, and paleoenvironments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5543 Introduction to Exploration Seismology
Description: Introduction to theory, techniques, and application of seismic to field of hydrocarbon, groundwater, and minerals exploration. Review of fundamentals of wave propagation, historical development of the science, and current literature on application and instrumentation. No credit for students with credit in GEOL 4543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5573 Marine Biogeochemical Cycles
Prerequisites: GEOL 1224 and GEOL 4403 and CHEM 1314.
Description: Analysis of the interactions between geological processes, biological activity, and chemical cycling for a range of elements. Limited discussion of atmospheric, terrestrial, and freshwater systems as they impact the oceans will also be discussed. Includes discussions of changes in elemental cycles through Earth's history and comparison to present-day patterns. No credit for credit in GEOL 4573.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5583 Environmental Data Analytics
Prerequisites: Minimum grade of "C" in MATH 2144.
Description: Provides theoretical and practical experience in extracting meaning from complex and heterogeneous environmental data sources to understand and manage the natural environment (geosphere, hydrosphere, biosphere, and atmosphere). May not be used for degree credit with GEOL 4583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5603 Basin Evolution
Prerequisites: GEOL 3014, GEOL 3034, GEOL 4403.
Description: Advanced topics in sedimentary basin studies, including tectonics, sequence stratigraphy, facies analysis, regional diagenesis, thermal evolution, regional hydrogeology, and distribution of natural resources.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology
Additional Fees: GEOL 5603 Field Trip fee of $50 applies.

GEOL 5633 Exploration Prospect Evaluation
Prerequisites: Graduate standing and permission of the instructor.
Description: Evaluation of exploration prospects in frontier and underdeveloped petroleum provinces using borehole-derived and geophysical data. Team taught course that uses industry provided datasets and current data management and interpretation software to reach drill or no-drill decisions based on science, risk analysis and economics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5643 Seismic Data Processing
Prerequisites: Consent of instructor.
Description: Theoretical background and practical training in the processing of seismic reflection and refraction data for petroleum, environmental, and engineering applications. Hands-on digital data processing using standard industry software. Topics to be covered include digital filtering, statics corrections, velocity analysis, deconvolution, stacking, and migration. May not be used for degree credit with GEOL 4643.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5753 Volcanology
Prerequisites: GEOL 2464 or equivalent with a grade of "C" or higher.
Description: Examination of volcanic processes, products, and structures on Earth and other terrestrial bodies. Optional field trip. No credit for students with credit in GEOL 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5773 Planetary Geology
Prerequisites: GEOL 1114, and GEOL 3073 recommended.
Description: Geology of planets and planetary bodies, including geomorphology, tectonics, geochemistry and geophysics; perspectives on exploration; and life in the universe. Course previously offered as GEOL 4773.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 5803 Fundamentals of Carbon Capture and Geologic Storage
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: This course covers the fundamentals of carbon capture and storage and includes and introduction and summary of storage and capture technology, the CO2 sources that are suited to this technology, and economic and policy drivers. The course considers the full spectrum of geological opportunities for CO2 storage and CO2-enhanced oil and gas recovery, as well as basic operational design.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5813 Multiphase Flow and Transport of CO2 in Subsurface
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: This course covers several aspects of CO2 transport in the subsurface and evaluates the safe storage of CO2 plumes. It explores in detail the challenges of geological storage. Topics to be covered include, but are not limited to plume migration, leakage risk, CO2 dissolution into the aqueous phase, capillary-entrapped CO2, and potential for in-situ CO2 mineralization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5823 Fundamentals of Water-Rock-CO2 Interactions
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: This course covers the fundamentals of water-rock-CO2 interactions and will provide a combination of theoretical background, numerical modeling, and case studies from several pilot and commercial projects. The course will highlight the challenges of data collection from the field and from available datasets.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5833 Geomechanics and Seismicity in Geological Carbon Storage
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: This course covers the scientific fundamentals of seismology and geomechanics for a broad understanding of induced seismicity. Course covers a broad background on the fundamentals of geophysics and geology, specifically how stress in the earth interacts with faults and fractures.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5843 4D Dynamic Reservoir Characterization
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: This course will utilize case studies to introduce participants to the art of interpreting time-lapse (4-D) multicomponent (9-C) seismic in terms of dynamic changes in rock properties. The modeling and interpretation techniques taught in this course can be applied to any porous subsurface system where fluid injection or extraction processes cause changes in the elastic subsurface rock properties. Knowledge gained can be transferred to examine systems such as carbon storage, geothermal, wastewater disposal, and heavy oil extraction.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5853 Social, Legal, and Regulatory Context for Carbon Capture and Storage
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: This course will provide an overview of the social, legal, and regulatory context for participants to navigate aspects of carbon capture and storage (CCS) and energy transition projects. Using case histories, guest speakers, and experiential learning, this course introduces participants to the landscape in which project developers, regulators, policymakers, and industry providers will be expected to operate in to engage in Energy Transition projects.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5863 3D Seismic Exploration
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: Students will learn how to use principles of seismic stratigraphy, seismic geomorphology, structural geology, and rock physics to interpret seismic reflection data and associated attributes to delineate faults, fractures, folds, fluvial-deltaic complexes, turbidites, mass transport complexes, karst, and other structural and stratigraphic features of interest. Course is intended for graduate students in geosciences or petroleum engineering.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5883 Risk Analysis in Conventional and Unconventional Reservoirs
Prerequisites: Admission to the Geoscience PSM or instructor permission.
Description: The course will review several conventional and recent unconventional discoveries with an emphasis on the technical geologic and engineering variables. The geologic emphasis of each play will focus on basin development, petroleum systems, super-basin concepts, and as analogs for future exploration and development in these and other innovations. Economic, financial, and oil & gas industry portfolio evaluation will be introduced.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5893 Evolution of Sandstone Reservoirs
Prerequisites: GEOL 3034 and 3014.
Description: Sandstones and sands form major oil and gas reservoirs and critical aquifers. This course examines coarser siliciclastic bodies and follows their evolution from sediment to rock. Topics investigated include depositional settings and environments, distribution and geometry of sand bodies and the role of biotic activity and diagenesis in enhancing or reducing reservoir quality.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 5981 Geoscience Internship
Prerequisites: Consent of instructor.
Description: Student participation in a research project during an internship in a Geoscience-related professional work setting for graduate credit. Graded on a pass/fail basis.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Geology

GEOL 5990 Advanced Studies in Geology
Prerequisites: Consent of instructor.
Description: Individual library, laboratory and/or field projects on facets of geology not covered by existing courses. Field trips may be required. Course previously offered as GEOL 5710. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Geology

GEOL 6000 Doctoral Dissertation Research
Description: Work toward doctoral dissertation in Geology. Offered for variable credit, 1-12 credit hours, maximum of 60 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Geology

GEOL 6103 Gravity and Magnetic Methods
Prerequisites: GEOL 4103.
Description: Principles of gravity and magnetic methods applied to petroleum, mineral, and groundwater exploration. Engineering applications will also be discussed. Data acquisition, processing and modeling using standard industry software will be emphasized.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 6133 Unconventional Petroleum Reservoirs
Prerequisites: GEOL 4023.
Description: Review of unconventional sources of oil and gas production including coalbed methane, tight gas-sandstones, gas and oil-bearing shales and transition zone, high-water saturation sandstones and carbonates.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 6213 Plate Tectonics
Description: Earth's evolution within the framework of plate tectonics. Examination of structural associations in relation to tectonic plate boundaries. Mechanisms for place tectonics and implication for resources and the environment. May not be used for degree credit with GEOL 4213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 6283 Geology of Shales
Prerequisites: Graduate standing or permission of instructor.
Description: Team-taught course that combines different geological techniques towards gaining a better understanding of shales as source and reservoir rock. These include petrography, XRD, SEM, Organic and Inorganic chemistry, geophysical logs, paleoecology and biostratigraphy. This course will involve lecture as well as laboratory techniques.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 6303 Electrical and Electromagnetic Methods
Prerequisites: GEOL 4103.
Description: Principles of the different geoelectrical methods, including electrical resistivity, induced polarization, self potential, electromagnetic, and ground penetrating radar will be emphasized. Geophysical instrumentation, laboratory measurements of physical properties, field procedures, and basic interpretation and near surface geophysical applications will be discussed. Recent advances in geoelectrical methods and case studies will be examined by reviewing current literature. Field trip required.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology
Additional Fees: GEOL 6303 Field Trip fee of $30 applies.

GEOL 6363 Carbonate Reservoir Characterization
Prerequisites: GEOL 5363 or Admission to the Geoscience PSM or instructor permission.
Description: A review of depositional and diagenetic controls on carbonate reservoir heterogeneity from pore scale to the geometrical attributes at reservoir-scale and how these parameters can be incorporated into the development of viable petrophysically-based reservoir models. In-class readings and exercises are used to reinforce the potential integration of petrophysical, geological and other data sets to provide students with experience in carbonate reservoir characterization for oil and gas, groundwater and CCUS reservoirs. This is a seminar and project-based course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 6373 Advanced Carbonate Petrology and Geochemistry
Prerequisites: GEOL 4403 with a grade of "C" or higher and GEOL 5363 with a grade of "B" or higher or equivalents or consent of instructor.
Description: This course will cover advanced topics in carbonate petrology and geochemistry with emphasis on both early and late diagenetic processes, dolomitization, porosity and permeability, geochemical evolution of seawater and carbonate sediments, and regional diagenetic patterns in carbonate rocks and related strata.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 6386 Sequence Stratigraphy of Shales
Prerequisites: Graduate standing. Intensive field course focusing on hydrocarbon-bearing shales of the Midcontinent.
Description: Advanced field techniques including high resolution spectral gamma ray analysis and highly detailed measured sections will be taught. Fifty localities including Devonian-Early Mississippian (Woodford and Chattanooga shales), Upper Mississippian (Barnett, Caney, and Fayetteville shales) and Pennsylvanian-Lower Permian shales will be analyzed.
Credit hours: 6
Contact hours: Lecture: 2 Lab: 12 Contact: 14
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

GEOL 6503 Rock Fractures
Description: Mechanical analysis and tectonic implications of brittle structural features such as joins, veins, and faults. Examination of topics such as mechanical stratigraphy in layered rocks, factors controlling joint spacing, and the dependence of failure mode on lithology. Field trips may be required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Geology

GEOL 6553 Contaminant Hydrogeology
Prerequisites: GEOL 4453 or an equivalent.
Description: Contaminant Hydrogeology will evaluate characterization and remediation approaches in a range of geologic settings for common subsurface impacts. Course will cover saline impacts, nonaqueous phase liquids, and emerging contaminants. Course previously offered as GEOL 5553.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Geology

Undergraduate Programs

- Environmental Geoscience, BS (p. 1404)
- Geology, BS (p. 1407)
- Geology: Business Essentials, BS (p. 1410)
- Geology: Environmental Geology, BS (p. 1413)
- Geology: Petroleum Geology, BS (p. 1416)
- Geology: Pre-Law, BS (p. 1419)

- Geology: Secondary Teacher Certification, BS (p. 1422)
- Geophysics, BS (p. 1426)

Graduate Programs

Prerequisites

The student should have at least 30 credit hours in geosciences. Credit hours must include courses in physical geology, historical geology, rocks and minerals/mineralogy, sedimentology/stratigraphy, structural geology, field camp, or other courses relevant to the student's graduate research. Additional undergraduate requirements to enter the graduate programs include: two courses in chemistry/geochemistry, two courses in physics, and/or math courses through calculus II. Deficiencies in coursework must be made up by the student after entering the program. The Graduate Record Examination is recommended, but not required, for admission to the program.

The Master of Science Degree

The MS is awarded through the completion of a thesis. Each candidate must complete at least 30 semester credit hours of work beyond the prerequisites. As many as 12 of these may be taken in other departments of the University upon approval by the candidate's advisory committee. A final defense of the thesis and the research that it documents is required of all students.

The Doctor of Philosophy Degree

The PhD is awarded upon completion of a doctoral dissertation. A minimum of 60 credit hours (coursework and research hours) beyond the MS or MA degree are required for the PhD. Under normal circumstances, students must hold a master's degree in geology or a related field to be accepted into the PhD program. However, under exceptional circumstances, students may be accepted directly into the PhD program without a master's degree. Such students will be required to complete a total of 90 semester credit hours (coursework and research hours) to earn their degree. Such decisions are made by the entire faculty of the School of Geology, upon recommendation of the Graduate Advisor. To be admitted to candidacy, students must pass a written and oral qualifying exam, and successfully defend their dissertation research proposal and pass an associated comprehensive exam. The PhD is conferred after the successful defense of the dissertation.

Accelerated Master of Science Degree

Our School is proud to offer an Accelerated MS option. Students who wish to pursue an Accelerated Master's should have completed 90 or more hours toward their BS by the end of their term of application, including GEOL 3014 and GEOL 3034, and should have a strong background with undergraduate research. Students who are admitted into the Accelerated Master's program will be eligible to share 9 credit hours between their BS and MS degrees.

Minors

- Geology (GEOL), Minor (p. 1425)
- Geophysics (GPHY), Minor (p. 1429)
- Oceanography (OCEN), Minor (p. 1430)

Faculty

Ingrid Ukstins, PhD (Volcanology, Geochemistry, Igneous Petrology and Planetary Science)—Department Head

Professors: G. Michael Grammer, PhD (Carbonate Sed/Strat and Reservoir Characterization); Todd Halihan, PhD (Hydrogeology of Fractured and Karstic Aquifers and Hydrogeophysics); Priyank Jaiswal, PhD (Geoscience, Seismology, Inverse Theory, Petroleum Systems and Gas Hydrates); Camelia Knapp, PhD (Geophysics, Crustal Studies, Energy Resources, Carbon Storage, Gas Hydrates and Project Management); James H. Knapp, PhD (Structural Geology, Geophysics, Crustal Studies and Carbon Storage); Daniel Laó Dávila, PhD (Structural Geology and Plate Tectonics, Fault Slip Analysis and Caribbean Geology); Jack Pashin, PhD (Structural Geology, Basin Analysis, Coalbed Methane, Shalegas and Sedimentary Geology); Tracy Quan, PhD (Isotope/Organic Geochemistry, Paleoceanography and Sedimentary Geochemistry); Ingrid Ukstins, PhD (Volcanology, Geochemistry, Igneous Petrology and Planetary Science); Javier Vilcaez, PhD (Geofluids and Hydrogeology)
Associate Professors: Natascha Riedinger, PhD (Sedimentary Geochemistry, Marine Systems and Biogeochemical Cycles)
Assistant Professors: Ashley Burkett, PhD (Micropaleontology, Biostratigraphy, and Climate); Xiaofeng Chen, PhD (Structural Geology, Rock Mechanics, Geomechanics, Earthquake Hazards and Experimental Rock Deformation); Andrew Katumwehe, PhD (Environmental Geophysics and Structural Geology); Tingying Xu, PhD (Environmental Geochemistry, Hydrogeochemistry and Metal (Bio) Geochemistry); Yipeng Zhang, PhD (Hydrogeology, Basin Scale Numerical Modeling, Groundwater in Geologic Processes and Induced Seismicity)
Teaching Assistant Professor: Trenity Ford, PhD (Micropaleontology and Geoscience Education); Brandon Spencer, PhD (Structural Geology, Tectonics, Metamorphic Petrology, Geochemistry and Geoscience Education)
Visiting Associate Professor: Mary Hileman, PhD (Sedimentology and Petroleum Geology)
Adjunct Professor: Carlos Cordova, PhD (Geoarchaeology, Quaternary Paleoecology, Geomorphology, Pollen and Phytoliths); Babu Fathepure, PhD (Bioremediation Microbes, Microbiology and Microbial Ecology)
Adjunct Associate Professor: Mileva Radonjic, PhD (Rock Fluid Interactions, Microgeochemistry, Wellbore Leakage and Caprock Integrity)

Adjunct Assistant Professor: Caitlin Barnes, PhD (Fluid Induced Seismicity, Disposal Wells and Planetary Geology); Sabrina Beckmann, PhD (Industrial Microbiology, Microbiology, Environmental Engineering, Agricultural Development and Water Treatment)
Adjunct: Ahmed Ismail, PhD (Principal Geophysicist with Maxima Geophysics LLC in Dallas-Forth Worth Metroplex)

Environmental Geoscience, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1513	College Algebra (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 2 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 2 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		2
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
PHYS 1114	College Physics I (LN)	4
CHEM 1515	Chemistry II (LN) [1]	5
or GEOL 2403	Chemistry of Earth Systems	
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
GEOL 1114	Physical Geology (LN)	4
or GEOL 1214	Introductory Geological Processes (LN)	
or GEOL 1014	Geology and Human Affairs (LN)	
Minimum grade of "C" in all Major Required courses.		
PHYS 1214	College Physics II (LN)	4
or GEOL 2103	Fundamentals of Geophysics	
GEOL 3044	Rocks and Minerals	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 3546	Field Geology [1]	6
or GEOL 4981	Geoscience Internship	
GEOL 4453	Hydrogeology	3
or GEOL 4463	Physical Hydrogeology	
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
or NREM 2083	Geospatial Technologies for Natural Resources	
NREM 3013	Applied Ecology and Conservation [1]	3
or BIOL 3034	General Ecology	
or ENVR 3113	Environmental Sampling and Analysis	
SOIL 2124	Fundamentals of Soil Science (N)	4
STAT 2013	Elementary Statistics (Q)	3
or STAT 4013	Statistical Methods I (Q)	
NREM 4043	Natural Resource Administration and Policy	3
Select 15 hours from the following:		15
GEOL 1224	Evolution of the Earth (LN)	
GEOL 3014	Structural Geology	
GEOL 3073	Geomorphology	
GEOL 3103	Paleontology	
GEOL 4503	Introduction to Oceanography (N)	
GEOL 4513	Marine Geology	
GEOL 4583	Environmental Data Analytics	
GEOL 4673	Critical Earth Materials	
GEOL 4753	Volcanology	
GEOG 3333	Spatial Analysis (Q)	
GEOG 4053	Biogeography, Biodiversity, and Humankind	
GEOG 4333	Remote Sensing	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	

GEOG 4343	Geographic Information Systems: Resource Management Applications	
ENVR 1113	Elements of Environmental Science (N)	
NREM 3153	Forest Health and Disturbance Ecology	
NREM 4033	Ecology Of Invasive Species	
BIOL 4434	Limnology	
Hours Subtotal		**62**
Electives		
Select 5 hours [1]		5
Hours Subtotal		
Total Hours		**120**

[1] Elective credit hours will be reduced accordingly if BIOL 3034 is selected, or increased accordingly if GEOL 2103, or GEOL 2403, or GEOL 4981 are selected.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
GEOL 1214 or GEOL 1114 or GEOL 1014	Introductory Geological Processes (LN) or Physical Geology (LN) or Geology and Human Affairs (LN)	4
MATH 1513	College Algebra (Q)	3
General Education courses		4
	Hours	**15**
Spring		
CHEM 1314	Chemistry I (LN)	4
General Education, College, and Major courses		12
	Hours	**16**
Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
PHYS 1114	College Physics I (LN)	4
General Education courses		6
	Hours	**14**
Spring		
GEOL 2403 or CHEM 1515	Chemistry of Earth Systems or Chemistry II (LN)	3
GEOL 2403 offered every even Spring semester		
GEOL 4300	Geology Colloquium	1
SOIL 2124	Fundamentals of Soil Science (N)	4
Major, College, or Elective courses		7
	Hours	**15**
Junior		
Fall		
GEOG 4073	Climate Change: Past, Present, and Future	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
NREM 3013 or BIOL 3034 or ENVR 3113	Applied Ecology and Conservation or General Ecology or Environmental Sampling and Analysis	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
GEOL 2103 or PHYS 1214	Fundamentals of Geophysics or College Physics II (LN)	3
GEOL 2103 offered every odd Spring semester		
GEOL 3503	Environmental Geology (N)	3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
GEOG 4343	Geographic Information Systems: Resource Management Applications	3
GEOL 4453	Hydrogeology	3
NREM 4043	Natural Resource Administration and Policy (if needed)	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
POLS 4363	Environmental Law And Policy	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Geology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
Select four hours from the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	
BIOL 1114	Introductory Biology (LN) [1]	
NREM 1014	Introduction to Natural History (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
or PHYS 1114	College Physics I (LN)	
Foreign Language		
See note 3.		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum grade of "C" in all Geology courses.		
Core Curriculum		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3546	Field Geology	6
MATH 2153	Calculus II (Q)	3
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
Related Curriculum		
Select 21 hours of upper-division GEOL [2]		21
Hours Subtotal		**54**
Electives		
Select 13 hours		13
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 8 additional upper-division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144		
Recommended courses:		
GEOG 4203	Fundamentals of Geographic Information Systems	
STAT 4013	Statistical Methods I (Q)	
Hours Subtotal		**13**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.
[2] Excluding GEOL 2013, GEOL 3413, and GEOL 3513.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOL 1214	Introductory Geological Processes (LN)	4
NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
MATH 2144	Calculus I (Q)	4
General Education courses		3
	Hours	**15**
Spring		
MATH 2153	Calculus II (Q)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
General Education courses		3
	Hours	**14**

Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
General Education courses		12
	Hours	**16**
Spring		
GEOL 2403 or CHEM 1515	Chemistry of Earth Systems or Chemistry II (LN)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
Major, College, or Elective courses		3
	Hours	**14**
Junior		
Fall		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		11
	Hours	**15**
Spring		
GEOL 2103 or PHYS 1214 or PHYS 2114	Fundamentals of Geophysics or College Physics II (LN)	3
Major, College, and Elective courses		10
	Hours	**13**
Summer		
GEOL 3546	Field Geology	6
	Hours	**6**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		12
	Hours	**12**
	Total Hours	**120**

[1] Speak with your Academic Advisor about pairing General Education Humanities (H) and Social Sciences (S) with International (I) and Diversity (D) dimensions.

Geology: Business Essentials, BS

Degree Programs

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
See Academic Regulation 3.5 (p. 1041)		
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
PHYS 2014	University Physics I (LN) [1]	4
or PHYS 1114	College Physics I (LN)	
Select four hours from the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	
BIOL 1114	Introductory Biology (LN) [1]	
NREM 1014	Introduction to Natural History (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematics Sciences		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		
Foreign Languages		
See note 3.		
Upper-Division General Education		
6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum grade of "C" in all Geology courses.		
Core Curriculum		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3044	Rocks and Minerals	4
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
3 hours STAT designated (Q)		3
12 hours upper-division GEOL [2]		12
Business Essentials		
ACCT 2003	Survey of Accounting	3
LSB 3213	Legal and Regulatory Environment of Business	3
MKTG 3213	Marketing (S)	3
MGMT 3013	Fundamentals of Management (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Principles of Finance	
or FIN 4003	Introduction to Energy Business	
Hours Subtotal		**60**
Electives		**7**
May need to include 6 hours of a foreign language. See note 3.		
6 hours of MBA courses during senior year recommended for consideration into the OSU MBA Program upon graduation.		
MATH 1513 and MATH 1813 may be required for students who do not place directly into MATH 2144.		
Hours Subtotal		**7**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] Excluding GEOL 2013, GEOL 3413, and GEOL 3513.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
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   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOL 1214	Introductory Geological Processes (LN)	4
NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
MATH 2144	Calculus I (Q)	4
General Education courses		3
	Hours	**15**
Spring		
GEOL 1224	Evolution of the Earth (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		6
	Hours	**14**

Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
3 hours STAT (A)		3
College and General Education courses		9
	Hours	**16**
Spring		
GEOL 2403 or CHEM 1515	Chemistry of Earth Systems or Chemistry II (LN)	3
PHYS 1114	College Physics I (LN)	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
Major, College, and Elective courses		3
	Hours	**14**
Junior		
Fall		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		12
	Hours	**16**
Spring		
GEOL 2103 or PHYS 1214	Fundamentals of Geophysics or College Physics II (LN)	3
Major, College, and Elective courses		12
	Hours	**15**
Summer		
GEOL 3546	Field Geology	6
	Hours	**6**
Senior		
Fall		
Major, College, and Elective courses		12
	Hours	**12**
Spring		
Major, College, and Elective courses		12
	Hours	**12**
	Total Hours	**120**

[1] Speak to your Academic Advisor about pairing General Education Humanities (H) or Social Sciences (S) with General Education International (I) and Diversity (D) dimensions.

Geology: Environmental Geology, BS

Degree Programs

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
CHEM 1314	Chemistry I (LN)	4
Select four hours from the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	
BIOL 1114	Introductory Biology (LN) [1]	
NREM 1014	Introduction to Natural History (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
PHYS 2014	University Physics I (LN)	4
or PHYS 1114	College Physics I (LN)	
CHEM 1515	Chemistry II (LN)	5
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
(See note 2.b.)		
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**17**
Major Requirements		
Minimum grade of "C" in all Major Required courses.		
Core Curriculum:		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4403	Environmental Geochemistry	3
GEOL 4453	Hydrogeology	3
or GEOL 4463	Physical Hydrogeology	
GEOL 3546	Field Geology	6
ENVR 1113	Elements of Environmental Science (N)	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
or NREM 2083	Geospatial Technologies for Natural Resources	
MATH 2153	Calculus II (Q)	3
Related Curriculum:		
9 hours upper-division related from: CHEM, ENVR, GEOG, GEOL, NREM, POLS, SOIL, BIOL		9
Hours Subtotal		**53**
Electives [2]		
Select 10 hours. [2]		10
May need to include 6 hours of a foreign language. See note 3.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**10**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.
[2] Excluding GEOL 2013, GEOL 3413, and GEOL 3513.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOL 1214	Introductory Geological Processes (LN)	4
NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
	Hours	**15**
Spring		
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2403 or CHEM 1515	Chemistry of Earth Systems (every other year) or Chemistry II (LN)	3
MATH 2144	Calculus I (Q)	4
General Education courses		4
	Hours	**15**

Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
ENVR 1113	Elements of Environmental Science (N)	3
College and General Education courses		9
	Hours	**16**
Spring		
GEOL 2403 or CHEM 1515	Chemistry of Earth Systems (if needed) or Chemistry II (LN)	3
PHYS 1114	College Physics I (LN)	4
MATH 2153	Calculus II (Q)	3
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
	Hours	**14**
Junior		
Fall		
GEOL 3014	Structural Geology	4
GEOG 4203	Fundamentals of Geographic Information Systems	3
Major, College, and Elective courses		7
	Hours	**14**
Spring		
GEOL 2103 or PHYS 1214	Fundamentals of Geophysics (every other year) or College Physics II (LN)	3
GEOL 3503	Environmental Geology (N)	3
GEOL 4403	Environmental Geochemistry (every other year)	3
Major, College, and Elective courses		6
	Hours	**15**
Summer		
GEOL 3546	Field Geology	6
	Hours	**6**
Senior		
Fall		
GEOL 4453	Hydrogeology	3
Major, College, and Elective courses		9
	Hours	**12**
Spring		
GEOL 4403	Environmental Geochemistry (if needed)	3
Major, College, and Elective courses		10
	Hours	**13**
	Total Hours	**120**

[1] Speak to your Academic Advisor about pairing General Education Humanities (H) and Social Sciences (S) courses with International (I) and Diversity (D) dimensions.

Geology: Petroleum Geology, BS

Degree Programs

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN)	4
Select four hours from the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	
BIOL 1114	Introductory Biology (LN) [1]	
NREM 1014	Introduction to Natural History (LN)	
Exploring Society & Human Behavior (S)		
Course desginated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		*3*
(See note 2.a.)		
Natural & Mathematical Sciences		
PHYS 2014	University Physics I (LN) [1]	4
or PHYS 1114	College Physics I (LN)	
GEOL 2403	Chemistry of Earth Systems [2]	3
or CHEM 1515	Chemistry II (LN)	
(See note 2.b.)		
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**11**
Major Requirements		
Minimum grade of "C" in all Major Required courses.		
Core Curriculum:		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 4023	Petroleum Geology	3
GEOL 4443	Environmental Geophysics	3
or GEOL 4403	Environmental Geochemistry	
GEOL 4213	Plate Tectonics	3
GEOL 4313	Introduction to Well Log Analysis	3
GEOL 4453	Hydrogeology	3
or GEOL 4463	Physical Hydrogeology	
GEOL 3546	Field Geology	6
Related Curriculum:		
FIN 4003	Introduction to Energy Business	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
or NREM 2083	Geospatial Technologies for Natural Resources	
MATH 2153	Calculus II (Q)	3
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
Hours Subtotal		**54**
Electives [2]		
Select 15 hours. [2]		15
May need to include 6 hours of a foreign language		
See note 3.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
GEOL 3103 and GEOL 4673 recommended.		
Hours Subtotal		**15**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.
[2] If CHEM 1515 is taken in lieu of GEOL 2403, 2 additional hours are required.

Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOL 1214	Introductory Geological Processes (LN)	4
NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
MATH 2144	Calculus I (Q)	4
General Education courses		3
	Hours	**15**

Spring		
GEOL 1224	Evolution of the Earth (LN)	4
MATH 2153	Calculus II (Q)	3
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
	Hours	**14**
Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
PHYS 1114	College Physics I (LN)	4
College and General Education courses		7
	Hours	**15**
Spring		
GEOL 2403 or CHEM 1515	Chemistry of Earth Systems or Chemistry II (LN)	3
GEOL 2403 offered every even Spring semester		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
Major, College, and Elective courses		8
	Hours	**15**
Junior		
Fall		
GEOL 3014	Structural Geology	4
GEOL 4443	Environmental Geophysics	3
Major, College, and Elective courses		8
	Hours	**15**
Spring		
GEOL 2103 or PHYS 1214	Fundamentals of Geophysics or College Physics II (LN)	3
GEOL 2103 offered every odd Spring semester		
GEOL 4403	Environmental Geochemistry (offered every odd Spring semester)	3
Major, College, and Elective courses		9
	Hours	**15**
Summer		
GEOL 3546	Field Geology	6
	Hours	**6**
Senior		
Fall		
GEOL 4213	Plate Tectonics	3
GEOL 4453	Hydrogeology	3
Major courses		6
	Hours	**12**
Spring		
FIN 4003	Introduction to Energy Business	3
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOL 4023	Petroleum Geology	3
Major, College, and Elective courses		4
	Hours	**13**
	Total Hours	**120**

[1] Speak to your Academic Advisor about pairing General Education Humanities (H) and Social Sciences (S) courses with General Education International (I) and Diversity (D) dimensions.

Geology: Pre-Law, BS

Degree Programs

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
CHEM 1314	Chemistry I (LN)	4
Select four hours from the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	
BIOL 1114	Introductory Biology (LN) [1]	
NREM 1014	Introduction to Natural History (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN) [1]	4
or PHYS 1114	College Physics I (LN)	
(See note 2.b.)		
Foreign Languages		
(See note 3.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum grade of "C" in all Geology courses.		
Core Curriculum:		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3044	Rocks and Minerals	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4023	Petroleum Geology	3
or GEOL 4453	Hydrogeology	
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
3 hours STAT designated (Q)		3
Pre-Law Curriculum:		
18 hours from:		18
AGEC 3713	Agricultural Law	
ENGL 3323	Technical Writing	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4633	Legal Aspects of International Business Transactions (G)	
PHIL 1313	Logic and Critical Thinking (Q)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SOC 4433	Environmental Sociology (S)	
SPCH 3733	Elements of Persuasion (S)	
or other courses as approved by the Geology undergraduate advisor.		
Hours Subtotal		**57**
Electives		
Select 10 hours		10
May need to include 6 hours of a foreign language.		

See note 3.	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
Hours Subtotal	**10**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] Excluding GEOL 2013, GEOL 3413, and GEOL 3513.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- **At least:** 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 and 50% of the upper-division hours in the major field completed at OSU.
- **Limit of:** one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOL 1214/1114	Introductory Geological Processes (LN)	4

NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
MATH 2144	Calculus I (Q)	4
PHIL 1313	Logic and Critical Thinking (Q) (recommended PLAW)	3
	Hours	**15**
Spring		
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
General Education and College courses		6
	Hours	**14**
Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
3 hours STAT (A)		3
General Education, College, Major courses		7
	Hours	**14**
Spring		
GEOL 2403	Chemistry of Earth Systems (every other year)	3
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
Major, College, and Elective courses		5
	Hours	**16**
Junior		
Fall		
GEOL 3014	Structural Geology	4
Major, College, and Elective courses		11
	Hours	**15**
Spring		
GEOL 2103 or GEOL 2403	Fundamentals of Geophysics (every other year) or Chemistry of Earth Systems	3
GEOL 3503	Environmental Geology (N)	3
Major, College, and Elective courses		9
	Hours	**15**
Summer		
GEOL 3546	Field Geology	6
	Hours	**6**
Senior		
Fall		
GEOL 4453 or GEOL 4023	Hydrogeology or Petroleum Geology	3
Major, College, and Elective courses		9
	Hours	**12**
Spring		
GEOL 2103	Fundamentals of Geophysics (every other year)	3
GEOL 4023 or GEOL 4453	Petroleum Geology (every other year) or Hydrogeology	3
Major, College, and Elective courses		7
	Hours	**13**
	Total Hours	**120**

[1] Speak to your Academic Advisor about pairing General Education Humanities (H) and Social Sciences (S) courses with International (I) and Diversity (D) dimensions.

Geology: Secondary Teacher Certification, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1,2]	4
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
ASTR 1023	Stars, Galaxies, Universe (N)	3
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		3
Courses designated (DH)		3
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
PHIL 3933	Creation and Evolution	3
Natural & Mathematical Sciences		
PHYS 2014	University Physics I (LN) [1,2]	4
or PHYS 1114	College Physics I (LN)	
STAT 2013	Elementary Statistics (Q)	3
or STAT 4013	Statistical Methods I (Q)	
Select four hours from the following:		4
BIOL 1114	Introductory Biology (LN) [1,2]	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1,2]	
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**15**
Major Requirements		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Geology Core and those denoted with [2]		
GEOL 1214	Introductory Geological Processes (LN) [1,2]	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 2773	Introduction to Planetary Geology (N)	3
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3503	Environmental Geology (N)	3
GEOL 4503	Introduction to Oceanography (N)	3
GEOG 3023	Climatology (N)	3
or GEOG 3033	Meteorology (N)	
Secondary Education Professional Core		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in K-12 Education	3
SMED 4023	Advanced Field Placement in Mathematics and Science	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach [3]	3
SMED 4713	Teaching and Learning Science in the Secondary School [3]	3
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education [3]	3
SPED 3202	Educating Exceptional Learners	2
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4720	Internship in the Secondary Classroom (6 hours) [3]	6

Hours Subtotal	**61**
Electives	
Select 4 hours	4
May need to include 6 hours of a foreign language (see note 3)	
Suggested electives for Physical Science Certification: CHEM 3013 or CHEM 3015 and PHYS 1214 or PHYS 2114	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144	
Hours Subtotal	**4**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.
[2] Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Geology Core and those denoted with [2].
[3] Full admission to Professional Education required.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GEOL 1214 or GEOL 1114	Introductory Geological Processes (LN) or Physical Geology (LN)	4
MATH 2144	Calculus I (Q)	4
NREM 1014 or BIOL 1113 ***and*** BIOL 1111	Introduction to Natural History (LN) or Introductory Biology (N) ***and*** Introductory Biology Laboratory (LN)	4
SMED 1012	Inquiry Approaches to Teaching	2
	Hours	**14**
Spring		
ASTR 1023	Stars, Galaxies, Universe (N)	3
CHEM 1314	Chemistry I (LN)	4
GEOL 1224	Evolution of the Earth (LN)	4
General Education courses		4
	Hours	**15**
Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
GEOL 2773	Introduction to Planetary Geology (N) (every other year)	3
CHEM 1515	Chemistry II (LN)	5
Major, College, and General Education courses		3
	Hours	**15**
Spring		
GEOG 3023	Climatology (N)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
SMED 3013	Knowing and Learning in K-12 Education	3
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
Major, College, and Elective courses		2
	Hours	**16**
Junior		
Fall		
CIED 3313	Field Experience in the Secondary Schools	3
GEOL 2773	Introduction to Planetary Geology (N) (if needed)	
GEOL 4503	Introduction to Oceanography (N)	3
PHIL 3933	Creation and Evolution (August Pre-Session only)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SPED 3202	Educating Exceptional Learners	2
	Hours	**15**
Spring		
CIED 4133	Introduction to K-12 English Language Learners	3
GEOL 3503	Environmental Geology (N)	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
General Education course & Electives		6
	Hours	**16**
Senior		
Fall		
GEOL 3014	Structural Geology	4
SMED 4023	Advanced Field Placement in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major, College, and Elective courses		6
	Hours	**16**
Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
Major, College and Elective Courses		4
	Hours	**13**
	Total Hours	**120**

Geology (GEOL), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Sheri Orr, 404 NRC, 405-744-3729

Minimum Grade Point Average in Minor: 2.00
Total Hours: 24

Code	Title	Hours
Minor Requirements		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
Select at least 12 hours of upper-division GEOL		12
Total Hours		**24**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Geophysics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
PHYS 2014	University Physics I (LN) [1]	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum grade of "C" in all Geology courses.		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 4113	Seismic Interpretation	3
GEOL 4443	Environmental Geophysics	3
or GEOL 2103	Fundamentals of Geophysics	
GEOL 4543	Introduction to Exploration Seismology	3
GEOL 4643	Seismic Data Processing	3
PHYS 2114	University Physics II (LN)	4
PHYS 3513	Mathematical Physics	3
Select 18 hours from the following:		18
GEOL 4023	Petroleum Geology	
GEOL 3546	Field Geology	
GEOL 4213	Plate Tectonics	
GEOL 4313	Introduction to Well Log Analysis	
GEOL 4433	Applied Geostatistics	
GEOL 4463	Physical Hydrogeology	
GEOL 4990	Special Problems in Earth Science (1-9 hours)	
GEOL 4993	Senior Honors Thesis	
GEOG 4333	Remote Sensing	
Hours Subtotal		**57**
Electives		
Select 10 hours		10
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general outside major department (see note 2.c.) and 8 additional upper-division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144		
Recommended courses:		
CS 1103	Computer Programming (Q)	
or CS 1113	Computer Science I (Q)	
MATH 3013	Linear Algebra (Q)	
PHYS 4113	Electricity and Magnetism	
Hours Subtotal		**10**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 2144	Calculus I (Q)	4
GEOL 1114	Physical Geology (LN)	4
General Education courses		7
	Hours	**15**
Spring		
GEOL 1224	Evolution of the Earth (LN)	4
MATH 2153	Calculus II (Q)	3
CHEM 1314	Chemistry I (LN)	4

General Education courses		4
	Hours	**15**
Sophomore		
Fall		
GEOL 3044	Rocks and Minerals	4
PHYS 2014	University Physics I (LN)	4
MATH 2163	Calculus III	3
General Education courses		4
	Hours	**15**
Spring		
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
PHYS 2114	University Physics II (LN)	4
MATH 2233	Differential Equations	3
Major, College, and Elective Courses		4
	Hours	**15**
Junior		
Fall		
GEOL 3014	Structural Geology	4
GEOL 4443	Environmental Geophysics	3
Major, College, and Elective courses		8
	Hours	**15**
Spring		
GEOL 4113 or GEOL 4543	Seismic Interpretation or Introduction to Exploration Seismology	3
PHYS 3513	Mathematical Physics	3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
GEOL 4643	Seismic Data Processing	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
GEOL 4543 or GEOL 4113	Introduction to Exploration Seismology or Seismic Interpretation	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

[1] Speak to your Academic Advisor about pairing General Education Humanities (H) and Social Sciences (S) courses with International (I) and Diversity (D) dimensions.

Geophysics (GPHY), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Contact: Sheri Orr, 404 NRC, 405-744-3729

Minimum Grade Point Average in Minor Coursework: All coursework for the minor to be completed with a grade of "C" or better.
Total Hours: 24

Code	Title	Hours
GEOL 3413	Petroleum Geology for Engineers	3
or GEOL 1114	Physical Geology (LN)	
or GEOL 1214	Introductory Geological Processes (LN)	
GEOL 4443	Environmental Geophysics	3
or GEOL 2103	Fundamentals of Geophysics	
GEOL 4113	Seismic Interpretation	3
or GEOL 4543	Introduction to Exploration Seismology	
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
Total Hours		**24**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Oceanography (OCEN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 15

Code	Title	Hours
Core Requirements		
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 3103	Paleontology	3
or BIOL 3163	Environmental Biology	
or MICR 4313	GeoMicrobiology	
GEOL 4503	Introduction to Oceanography (N)	3
GEOL 4513	Marine Geology	3
or GEOG 4073	Climate Change: Past, Present, and Future	
Select from the following [1]		2
GEOL 1003	The Story of Dinosaurs (N)	
GEOL 1022	Climate Change and Humanity (N)	
or GEOG 1022	Climate Change and Humanity (N)	
GEOL 1014	Geology and Human Affairs (LN)	
GEOL 1114	Physical Geology (LN)	
GEOL 1214	Introductory Geological Processes (LN)	
GEOL 2773	Introduction to Planetary Geology (N)	
GEOL 2013	Geology of the National Parks (N)	
Total Hours		**15**

[1] Total hours are based on any two-hour courses selected from this list.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

History

Courses in the Department of History are intended to give the student a broad understanding of the evolution of civilizations, peoples, countries, and institutions, and insight into the meaning of this evolution. They are also designed to prepare graduates for many types of employment.

Because history is basic to many fields, the Department's instruction is designed to aid students interested in the humanities, education, law, journalism, scientific and technical disciplines, public service, and business administration. Students in colleges other than the College of Arts and Sciences who wish to pursue the study of history are encouraged to enroll in courses of interest. The Department of History offers a number of courses that satisfy General Education requirements in the humanities, social sciences, diversity and international courses. It participates actively in the Honors Program and offers to its majors the option of pursuing an Honors certificate. The Department of History also participates actively in interdisciplinary programs.

A Bachelor of Arts (BA) in History requires 48 hours in the major and related disciplines, with 36 hours of History courses across U.S., European, and World History, plus 12 hours of upper-division courses in related departments. A History minor requires 18 hours of History, at least twelve of which must be upper-division. GPA of 2.5 in History courses with no HIST grade below “C.”

Courses

HIST 1010 Studies in American History
Description: Special study in American history to allow transfer students to fulfill general education requirements as established by Regents' policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: History

HIST 1103 Survey of American History
Description: Meaning, vitality, and uniqueness of United States history since 1492 through a thematic examination of the nation's past. Satisfies, with POLS 1113, the State Regents requirement of six credit hours of American history and American government before graduation. No degree credit for students with credit in HIST 1483 or HIST 1493.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 1483 American History to 1865 (H)
Description: From European colonization of the Americas through the U.S. Civil War. Examines important political, economic, social, and cultural developments, such as the transatlantic slave trade, the American Revolution, the Constitution and the Bill of Rights, the Market Revolution, Antebellum slavery, the abolitionist movement, Indian Removal, and sectionalism and the Civil War. Intended for Education majors seeking certification as Social Studies teachers. May not be used for degree credit with HIST 1103. Previously offered as HIST 2483.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

HIST 1493 American History Since 1865 (DH)
Description: From the period of Reconstruction to the present. Examines important political, economic, social, and cultural developments, such as the Compromise of 1877, lynching, Jim Crow, economic imperialism, the Progressive Era, U.S. participation in the world wars, the Great Depression, the New Deal consensus, redlining/suburbanization, the Cold War, the Civil Rights Movements, the Reagan Revolution, and the "culture wars." May be taken independently of HIST 1483. May not be used for degree credit with HIST 1103. Previously offered as HIST 2493.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

HIST 1613 Western Civilization to 1500 (H)
Description: History of western civilization from ancient world to Reformation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 1623 Western Civilization after 1500 (H)
Description: History of western civilization from Reformation to present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 1713 History of Asia to 1800 (H)
Description: History of three eastern civilizations (East Asia, South Asia and West Asia) from pre-history to the 18th century. Special attention to their origins, development, and contributions to the evolution of world history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 1813 World History from Ancient Times to 1500 (H)
Description: This course examines the development of social, cultural, economic, and political systems from ancient times to the beginning of the sixteenth century. We will examine the growth of empires, trade routes, religions, and culture in Asia, Africa, the Americas, and Europe. This course will examine the ways in which these societies connected and made contact with each other through trade, warfare, and migration and the resulting exchange of ideas. Previously offered as HIST 2213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 1823 World History 1500 to Present (H)
Description: This course surveys world history from 1500 to the present day. The course will track the formation of the "modern" world through a study of changes in political situations, culture, and society. The course will examine topics such as changes in science and technology, culture and religion, the expansion and decline of empires, the growth of nationalism, and the continuing rise of globalization. The class will emphasize the role of changing definitions and roles of race, social class, and gender in shaping historical events. Previously offered as HIST 2223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2023 History of the Present (H)
Description: Introduction to the study of history through the lens of current events and contemporary issues. Particular areas of focus will vary, based on instructor's expertise, to include topics like race, gender religion, food, sports, environment, politics, immigration, mass incarceration, and/or globalization, among others. Contact the History Department for specific information for the upcoming semester.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2033 History of Money
Description: Everyone needs money. And we use money every day, but we rarely stop to think about its history. This class explores the history of money and the different forms it has taken over time, including the world before cash. It investigates who is allowed to mint, print, lend, and regulate money along with changing connections between wealth and status in societies across time. While the particular areas of focus will vary by semester, the class will explore how authority and power are central to money's long history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 2043 Ghosts and Graveyards: History of Dark Tourism (H)
Description: This course explores the history of dark tourism, including practices and impact. Students will analyze tourist experiences in spaces associated with tragedy, suffering, death, and spookiness.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2133 African Diaspora History(DH)
Description: Introduction to the origin, development, and maturation of the African Diaspora in the Americas and the Caribbean, beginning on the African continent and moving through the Americas, Caribbean, and Europe. It considers important issues, such as the formation of racial identities, movements, the circulation of ideas and connections in activism, and the manner in which the intersection of race, class, gender, sexuality, location, language, and power influence how groups and individuals experience diaspora. Previously offered as HIST 3133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 2153 African American History, 1619-1865 (DH)
Description: Overview of the history of African Americans from their African origins to their participation in and impact on the Civil War. Topics include: African background; interaction between Africans, Indians and Europeans; development of slavery; forms of resistance; rise of the abolitionist movement; and conditions of free blacks. Previously offered as HIST 4153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 2163 African American History, 1865-Present (DH)
Description: Overview of the history of African Americans from the end of the Civil War to the present. Topics include emancipation and Reconstruction; the Jim Crow Era; migrations to the North and West; the Civil Rights and Black Power Movements; contemporary developments in African American life. Previously offered as HIST 4163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 2203 The Medieval World, 500-1500 (H)
Description: The society and culture of Europe, Byzantium and the Middle East, 500-1500. Emphasis on social, cultural, religious and political developments. Previously offered as HIST 3203.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2313 Heroes and Wonders of the Ancient World (H)
Description: Highlights of ancient history, especially from Egypt, Mesopotamia and Greece. Examines the Seven Wonders of the Ancient World and heroes such as Gilgamesh, Achilles, Sappho and Heracles. Other major historical and archaeological discoveries are also featured.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2333 American Thought and Culture: Survey (H)
Description: Survey of American religious, philosophical, artistic, and scientific ideas and their impact on culture and values.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2343 Religion in America (DH)
Description: Survey of the religions practiced in North America and the United States from the colonial era to the twenty-first century, including Native American religions, Christianity, Islam, and Judaism; impact of religion on social reform, politics, and intellectual life.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 2353 Environmental History (H)
Description: A history of the environment that studies the changing relationships between humans and the natural world around them. It will explore both how people have thought about the environment and the role of science, economics, disease, and states in shaping how humans and non-human animals have lived on land.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2413 From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)
Description: Assesses video game and film portrayals of the Middle Ages and medievalism. Through historiographical readings and critical analysis of modern media sources, examines the ways in which popular media depictions of the past weave fact with fiction, building on our common cultural narrative of "medieval-ish" worlds. No credit for degree credit in HIST 4433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2473 American Imperial Culture
Description: This course is designed to be a broad survey of American imperial culture, and responses to it, with a focus on the period from 1890 to 1960. Same course as AMST 2473.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 2513 Plantation to Plate: Sugar, Bananas, and Coffee in America (H)
Description: Considers the historical impact that three food commodities – bananas, sugar, and coffee – have had on producing and consuming societies in Latin America and the United States. Analyzes the way food influenced the formation of racial and gender identities and examines different moments when these commodities influenced foreign policy and politics. Same course as AMST 2513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2523 Dust Bowl (H)
Description: Examination of the Dust Bowl as: an ecological, economic, and human tragedy; cultural representations in film, literature, art, photography, and music; and a comparative example to study modern issues of ecology, water rights, and environmental justice in the southern plans and around the world. Same course as AMST 2523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2603 History of Science (H)
Description: This course offers an introduction to the history of science from the ancient world to the present. It will not focus exclusively on discoveries and their discoverers. Instead, it will stress questions such as: What is science, how has it been practiced, and by whom? Does culture play a role in scientific development? What is the relationship of gender, race, class, sexual identity, and science? May not be used for degree credit with HIST 3073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2613 History of Disease (H)
Description: A global history of diseases across time. Emphasis on infectious diseases and pandemics and their social, cultural, and political effects. May not be used for degree credit with HIST 3893.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2713 Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)
Description: This course offers a historical overview of the United States and China since 1900. Students will have the unique intellectual experience of looking at each country's recent history from the perspective of the other. More than diplomatic relations, it also covers the social and cultural experiences of both, particularly in areas where they inspire, impact on, and interact with each other.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 2890 Honors Experience in History
Prerequisites: Honors Program participation and concurrent enrollment in a designated HIST course.
Description: A supplemental Honors experience in History to partner concurrently with designated History courses. This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Honors Credit

HIST 3013 Ancient Egypt and Israel (H)
Description: The history of Egypt from prehistory through the New Kingdom, and ancient Israel from prehistory through the Persians.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3023 Ancient Greece (H)
Description: The Greek world from the Bronze Age through Alexander the Great with special emphasis on politics, culture and institutions of Classical Greece.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3033 Ancient Rome: The Republic (H)
Description: Political, social, cultural and economic history of the Roman Republic from the Etruscans to the death of Julius Caesar.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3043 From the Garden of Eden to Babylon (H)
Description: From the birth of civilization to the end of the Persian Empire, this course examines the history, archaeology and cultures of the fertile crescent.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3063 The Roman Empire (H)
Description: This empire provides a historical survey of the Roman Empire from the middle of the 1st century BCE through the middle of the 5th century CE. This course covers a range of interrelated themes and issues that shaped the everyday lives of Romans, including the importance of social hierarchies within and across civil affairs and family life; the various political structures and forms of governance within the empire; the dimensions of military life, conquests and expansion; economic realities; work and leisure; and various cultural aspects including the roles of religion and philosophy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3083 Modern Italy: Cultural Patrimony and National Identity (GH)
Description: This course will examine Italy's cultural patrimony and its role shaping the country's national identity and international reputation. Students will study the influence of Italy's artistic and architectural heritage on modern Italian society, global tourism, and international conservation policies. Among the topics explored will be Pompei and the western imagination, the Monuments Men during World War II, mass tourism in the city of Venice, and the competing interests of international, national, and local communities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3093 Historical Geography of North America to 1800 (H)
Description: This course is an examination of the cultural geography of colonial North America from the earliest European contact with Native Americans to the end of the 18th Century. The course examines regional patterns of indigenous American Indian settlement, European exploration, trade, coloniatization, immigration, impacts upon indigenous societies, and the development of pre industrial economic regions. Students will gain an appreciation of the interactions of various indigenous, European, and African peoples in different environments in the colonial era. Same course as GEOG 3093.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3113 Germany Since 1815 (GH)
Description: Creation of a centralized state in Germany; impact of World War I and the subsequent failure of the Weimar Republic; rise of national socialism, totalitarianism, and the Third Reich; German experience in WWII, repression of minorities, and the Holocaust; post-war Germany and modern reunification.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3123 History of Africa (GH)
Description: This course will examine the deep history of Africa, but with special emphasis on understanding through present day issues. We will discuss and analyze the African peoples, their everyday challenges (economic, legal, environmental, political, social, and cultural), and governance structures across precolonial, colonial and postcolonial periods. In exploring these various facets of Africa’s past, we will gain insights into the diverse ways through which Africans and Africa have negotiated, contested, renegotiated, and reinvented themselves in global history over the long durée.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3153 Russia to 1861 (H)
Description: Political, institutional, societal and economic development of Russia from the Kievan period to the Great Reforms.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3163 Russia Since 1861 (GH)
Description: Modernizations of Russia in the 19th and 20th centuries. Great reforms and their effects and the 1917 revolutions and their consequences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3233 Late Medieval World, 1000-1450 (H)
Description: The Late Middle Ages in Europe and its ties to the Middle East. Examines the period of the Black Death, Hundred Years War, early Renaissance, and the flourishing of new forms of government, religious life and social upheaval. Emphasis on social, cultural, religious and political developments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3243 Renaissance, 1350-1517 (H)
Description: The development of the Renaissance from the Italian city-states to the New World. Political development, cultural innovation, and the role of disease in history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3253 Absolutism and Enlightenment, 1648-1789
Description: Political, economic, social, intellectual and religious transformation of Europe between the Peace of Westphalia and the French Revolution.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3263 Modern Europe, 1815-1914 (H)
Description: Examines the history of Europe from the end of Napoleon through the start of World War I. Emphasis on political revolutions, modern nationalism, industrialization, cultural movements, imperialism, and alliance diplomacy that transformed the Continent into a battleground in 1914.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3273 Modern Europe Since 1914 (GH)
Description: Origins, character and impact of the first World War; emergence and consequences of the totalitarian state; nature of political and intellectual terrorism. Effects of worldwide economic depression; dilemmas of modern democracies; political collapse of Europe as a consequence of World War II.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3303 Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
Description: Examines Latin American migration to the United States through a case study approach. Considers US foreign policy, questions of labor and economic motivations, political violence and persecution, changes in immigration law, environmental issues, histories of the process of migration, and the formation of new identities and transnational communities and activism in the United States. Same course as AMST 3303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3323 Modern France, 1789-Present (GH)
Description: French politics, economy, society, and culture from the Revolution and rise of Napoleon to France's post-World War II "rebirth" and reckoning with its colonial past.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3333 History of the Second World War (GH)
Description: Problems leading to World War II with their international implications and consideration of the war years.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3343 World War I in Modern European Culture (GH)
Description: Analysis of the war as the principal event determining the course of twentieth century European history: battles, home fronts, personal, literary and artistic expression.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3363 Popular Religion in the West, 1300-1700 (H)
Description: The study of the religious experience of both lay people and clergy between 1300 and 1700, when their religious worldview underwent fundamental challenges and changes. The effort to understand the relationship between the secular world and the supernatural will be explored through devotional ideas, practices and religious rituals.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3373 Invasion and Identity: The Medieval English World: 700-1400 (H)
Description: Medieval English history through Britain's experience of invasion and settlement: includes the Vikings, Normans and England's conquest of Britain and parts of France. Emphasis on social, cultural, political and religious history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3383 Tudor-Stuart England (H)
Description: History of England from the War of the Roses through the coming of the House of Hanover in 1714. Development of the centralized state, parliamentary reaction, reorientation of the English society and economy and the English Reformation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3393 History of Modern Britain and Ireland: Rebellion, War, and the Victorians (H)
Description: This course will examine British and Irish history from the time of the Industrial Revolution, to the age of Sherlock Holmes and Queen Victoria, through the First and Second World Wars, to the Troubles in Ireland, and up to the present day. The course will investigate how ideas of national identity, social class, religion, and race shifted from the late eighteenth century to today.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3403 East Asia to 1800 (H)
Description: Traditional Chinese civilization and its impact on Japan, Korea and Southeast Asia.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3413 East Asia Since 1800 (GH)
Description: Impact of the Occident on China, Japan and Southeast Asia. Problems of trade and diplomacy; political and industrial transformation of Japan; revolutionary process in China; the rise of nationalism in Southeast Asia.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3423 Modern Japan (GH)
Description: Modernization process in Japan since 1868.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3433 Modern China (GH)
Description: Response of China to the West since 1840, with stress on economic, social and intellectual currents.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3443 Gender Relations in Chinese History (H)
Description: Men's and women's social, cultural, religious, political, economic, family, and sexual experiences in Chinese history; particularly women's own voices and efforts in pursuing their own goals and aspirations. Same course as GWST 3443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3453 Colonial Latin America (H)
Description: Considers the encounter between Indigenous peoples and Europeans in Latin America, analyzing the formation of race, class, religious, and gender identities. Focuses on Indigenous and European experiences with imperialism, 18th Century reforms, and independence movements.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3463 Modern Latin America (GH)
Description: Considers nation-state formation in Latin America, emphasizing 19th century dictators and liberal reform movements. Explores U.S. foreign policy, indigenous mobilizations, 20th century revolutions, and contemporary issues such as natural disasters, the drug trade, and immigration.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3473 British Empire and Commonwealth of Nations (H)
Description: This course will examine the growth of the British Empire from the eighteenth century to decolonization in the twentieth century. The course will focus on Britain's colonies in Africa, Asia, and the Americas, and compare British imperialism to other global imperial powers. Topics will include historical studies of colonial literature, exploration, popular culture, medicine, education, military history, imperial anthropology, and gender.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3483 Reformation Europe, 1517-1648 (H)
Description: Development and impact of religious reform movements, overseas expansion, statebuilding, the Scientific Revolution, and the Thirty Years' War on European civilization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3503 Medieval Islamic History (H)
Description: Rise of Islam in Arabia and subsequent spread to Africa, Asia and Europe. Discussion of political, social, cultural and economic institutions established in the Middle Ages as well as diversity of Islamic and continuing non-Islamic traditions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3513 Modern Middle East (GH)
Description: Main political events, social institutions, cultural and economic developments, as well as various aspects of everyday life in the Middle East. Transformation of traditional society, imperialism and independence, Arab nationalism, Arab-Israeli conflict, the impact of oil, westernization, the rise of militant Islam, and the prospects of democratization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 3573 The Mongol Empire (H)
Description: Genghis Khan is infamous for destruction of his conquests, yet his empire grew to be the largest land empire in history, and sparked diplomatic and cultural contacts on a far wider scale than ever before. This course traces the Mongol Empire from Genghis himself to the legacy of the divided Mongol khanates. Attention will be paid to the Mongol Empire's institutional structure, political and cultural dynamics, contacts with Europe, and historians' methods for using primary sources.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3593 Introduction to Museum and Cultural Studies (H)
Description: Historical and theoretical introduction to museum ethics, the function of the curator, and the hanging role of the museum. Same course as ART 3583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3603 Historians at Work
Description: This course introduces students to the history business. Students will develop skills in marketing, proposal writing, proposal evaluation, budgeting, project management, and interdisciplinary collaboration. These skills are valuable in a wide range of careers inside and outside the humanities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3610 Topics in United States History
Description: Special topics in United States history. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3613 American Colonial Period to 1750 (H)
Description: European colonization of North America; political, social, cultural, intellectual, religious, and economic developments; Native American engagement with and resistance to colonialism; relations between English, French, and Spanish colonies; and the emergence of slavery in America.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3623 Era of the American Revolution (H)
Description: Transition from British colonies to independent United States; important military, political, cultural, economic, social, and religious aspects of the American Revolution; how changes affected all people in America, including African Americans, Native Americans, and women.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3633 The American Founding (H)
Description: This course will familiarize students with the major intellectual, social, political, artistic, and economic trends that shaped the founding of the United States. Special attention will be given to the framing and early shaping of the U.S. Constitution, major political controversies in the fractious 1790s, the diverse groups that comprised the founding generations, and the ways the American founding shape our present society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3643 Antebellum America, 1828-1850 (H)
Description: Major social, cultural, economic, and political developments of mid-nineteenth-century America including: Indian removal, early social reform the expansion of slavery, the growth of capitalism, settler colonialism in the West, and the origins of political sectionalism leading to disunion.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3653 Civil War and Reconstruction, 1850-1877
Description: Causes, decisive events, personalities and consequences of the disruption and reunion of the United States.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3663 U.S History 1877-1919 (H)
Description: The impact of industrialization upon American society and politics. America's rise to world power, the Progressive movement and World War I.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3673 United States History, 1919-45 (DH)
Description: The political, economic, social and cultural changes in the United States from 1919 to 1945, the 1920s, the Depression, the New Deal, WWII, and domestic impact of the war.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3683 United States History Since 1945 (DH)
Description: The political, social, and cultural history of the United States since World War II. Topics include the Cold War at home and abroad, the Civil Rights and other social movements, 1960s culture vs. counterculture, the Vietnam War, Watergate, Reagan's America, the War on Terror, and modern globalization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3693 The Modern West (H)
Description: This course will survey the political, economic, social, and cultural history of the twentieth- and twenty-first century American West. For generations, historians, politicians, and culture makers have grappled with the question of the significance of the West to American development and identity. This course lays the groundwork to understand the region's history, as well as grapple with the wide variety of peoples (domestically and globally) who have sought to locate meaning in the region for themselves and their experiences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3703 Oklahoma History (DH)
Description: Early exploration and establishment of Indian Territory; the rise and demise of the Five Indian Nations; and the organization and development of the 46th state to the present. Required of all candidates for teacher's licensure/certification in social studies. Previously offered as HIST 2323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3710 Topics in European History
Description: Special topics in European history. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3713 Women in the American West (DH)
Description: Introduction to the history of women in the American West from pre-contact to present, with emphasis on cultural diversity, women's roles as economic and social partners, and the many ways women were active participants in western development. This course incorporates Oklahoma and public history using written documents, art, film, museum and archival materials, and local historical sources.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3753 Trans-Mississippi West (DH)
Description: Emergence of the modern West from Spanish and French settlement and exploration, the Rocky Mountain fur trade, the settlement of Texas, Oregon, California, and Utah, the mining, ranching and farming frontiers, the Indian Wars and transportation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3763 American Southwest (DH)
Description: Southwestern states of Texas, Arizona, New Mexico and California from the Spanish colonial period to the present. Mining, ranching, farming frontiers, Indian wars of the Apache, Comanche and other southwestern tribes, and the emergence of the modern Southwest.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3773 The American South to 1860
Description: Social, political and industrial conditions in the South before the Civil War.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3793 Native American History (DH)
Description: Introduction to the history of Native American peoples from encounters with European colonists to the present, with an emphasis on tribal nationhood and sovereignty, war and diplomacy, treaty rights and federal policies, indigeneity in modern contexts, and a leadership in Indian Country.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3803 History of Food (H)
Description: This course offers an interdisciplinary examination of the history and culture of food production and consumption in the US with an emphasis on how US food ways relate to those of other countries. It examines such topics as: food and the formation of social bonds, food and identity, the cultural meaning of food ways, issues of justice and equality in food production and consumption, and how food cultures have developed over time and in relation to other societies. Same course as AMST 3733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3810 Topics in World History
Description: Special topics in world history. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3843 War and Memory in America (H)
Description: Examines the ways in which Americans have remembered and commemorated war from the American Revolution to the Global War on Terror. Topics include the creation and perpetuation of memory from both soldiers and civilians, the portrayal of war in popular culture, and the challenges of commemorating and memorializing America's militant past. Same course as AMST 3843.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3853 History of the North American Borderlands (DH)
Description: This class analyzes the histories of the US-Mexico, US-Canada, and Native American borderlands from the 16th century to the present. Topics include indigenous spaces and sovereignty, the establishment of colonial regimes, the formation of nation-states and changing notions of citizenship, immigration policies and experiences, intercultural and interracial communities and tensions, crime and smuggling, representations of the border in media and popular culture, and the political and economic relationships between the United States, Mexico, and Canada.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3863 Disability in America (DH)
Description: Examines the history of disability in American culture. Considers evolving ideas about disability and the status of disabled people in American society. Topics include disability and the law; eugenics; the disability rights movement; representations of disability in popular culture; and intersecting ideas about disability, race, gender, and class. Same course as AMST 3863.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 3873 History of Health and Social Movements in the United States (H)
Description: This course is focused on the intersection of health and social movements in the U.S. from the late 18th century to the present. In this course students explore the historical role of health and social movements, their relationship with medical theory, politics, religion, culture, and economics, how American movements mobilized, co-evolved, and changed over time, and the role of women, people of color, and marginalized communities in health and social movements.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3883 History of Drugs (H)
Description: This course explores the relationship between illicit and licit drug use, drug policy, and depiction of drug use and people who use drugs, producers, sellers, policy makers, and law enforcement in the news and cultural media in the United States from 1800 to the present. The course examines the history of chemical substances that alter the body, the evolution of local and national drug policy and agencies, and how culture and society have impacted drug policies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3890 Advanced Honors Experience in History
Prerequisites: Honors Program participation and concurrent enrollment in a designated HIST course.
Description: A supplemental Honors experience in History to partner concurrently with designated upper-division HIST courses. This course adds a different intellectual dimension to the designated course(s).
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Honors Credit

HIST 3903 Introduction to the Study of History
Prerequisites: History major or consent of instructor.
Description: This course is an introduction to the study of history. It offers an overview of the development of the discipline, historiography, and the philosophy of history. Students learn about the methodology of history, types of historical problems, habits of thought necessary for the discipline, and methods such as research and writing. Previously offered as HIST 2013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3913 History of Medicine (H)
Description: Historical growth of medicine and its relationship to the society in which it develops. Scientific problems, cultural, religious and medicine.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3953 Earthly Powers: Politics and Religion in Modern Europe
Description: Examines the persistence of religiosity in modern Europe amidst secular and political challenges from the 18th century to the present. Topics include pilgrimage, the legal separation of church and state, religious persecution in the era of the World Wars, and struggles with pluralism in the 21st c.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 3963 Modern Empires and Revolutions (H)
Description: This course examines the intersection of European imperialism and the global spread of revolutionary ideas from 1789 to the present. It will cover topics ranging from the French Revolution, intellectual revolutions in science and anthropology, colonization in Africa and Asia, the Russian Revolution of 1917, and decolonization in the wake of World War II.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 3980 Studies in History
Description: Special topics in history. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: History
Additional Fees: OSUG Study Abroad Crse Tuition fee of $550 and Study Abroad fee of $250 apply.

HIST 4033 Introduction to Public History (H)
Description: Introduction to the study and practice of Public History, including historic preservation, cultural resources management, museums, archival work, oral history and memory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4053 History and the Law
Description: The course focuses on the origins and outcomes of the most pressing legal battles in present-day society. Students explore how scholars and communities use history to shape the creation, implementation, and interpretation of laws inside and outside the United States.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 4063 Historic Preservation
Description: Focuses on the United States and examines the history and theory of the preservation movement, the legal basis for preservation of the built environment and the methodology of preservation. No credit for students with credit in HIST 5063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 4073 Digital Methods in History
Description: Introduction to the methods and practice of working with digital sources, creating digital content, basic foundations of software and metadata for digital archives, introduction to web design and database construction.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 4093 Oral History: Theory and Methodology
Description: This course is an interdisciplinary introduction to oral history methodology, theory, and professional practice. It examines how oral history projects are constructed and administered and archivally managed. The course will also explore the technologies involved in the collection of interviews, the reliability of memory and the utilization of oral histories in various forms of dissemination. Students will gain practical experience in oral history interviewing and related aspects of oral history, such as transcribing, editing, archiving, and publishing oral histories. May not be used for degree credit with HIST 5093.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 4103 Historical Geography of the United States (H)
Description: Examination of the spatial dynamics of frontier encounter and settlement, regional development, and cultural landscape evolution in the United States from pre-European to modern times. Same course as GEOG 4103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4113 Globalization and American Culture
Description: Transmission, reception, and influence of American culture in one or more of the following: Europe, Asia, Latin America, the Middle East. The cultural history of globalization and American culture. Same course as AMST 3253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History

HIST 4173 Black Intellectual History (DH)
Description: Examines the nature of black social and political thought from the early 18th to the mid-20th century and the contributions made by black intellectuals to discussions of race, citizenship and nationality. Emphasis is placed on topics of abolitionism, labor movements, populism, socialism, pan-Africanism, feminism, and the civil rights movement.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 4193 The Body in American Culture (H)
Description: The body and its impact on American culture examined through a survey of diverse cultural productions and social practices. Examine the intersections of ideas of embodiment with discourse of race, class, gender, sexuality, disability, and nationalism. Same course as AMST 3653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4203 The Death Penalty in America (S)
Description: This course is designed to examine problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state and federal) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital issues and how the criminal justice responds to these issues. Same course as AMST 4103 and SOC 4103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Society & Human Behavior

HIST 4253 U.S. Foreign Relations to 1945 (H)
Description: American experience in foreign relations from colonial times to World War II.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4273 U.S. Foreign Relations Since 1945 (H)
Description: Overview of the history of U.S. foreign relations from World War II to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4353 American Military History (H)
Description: Civil-military relations, the military implications of American foreign policy, and the impact of technological advances on warfare since colonial times.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4363 US History through Popular and Unpopular Music (DH)
Description: This course will explore how music – including folk, rock, jazz, vaudeville, country, blues, and hip-hop – makes history and history makes music. In doing so, this course will consider music's discursive power within the arenas of American social, cultural, gender, racial, class, and political struggles.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 4403 Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
Description: Religious belief and practice in the medieval world, c. 500-1300. Examines the formation of major religions, the experience of religious minorities, the experience of interfaith communities, enduring superstitions and heresies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4413 Sex and Gender in the Medieval World (H)
Description: Historical attitudes toward sex and gender history in medieval Europe. Interdisciplinary approach also including cultural, social, economic and religious history. Same course as GWST 4413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4433 From Assassin's Creed to Witcher: Medievalism in the 21st Century World (GH)
Description: Assesses video game and film portrayals of the Middle Ages and medievalism. Through historiographical readings and critical analysis of modern media sources, examines the ways in which popular media depictions of the past weave fact with fiction, building on our common cultural narrative of "medieval-ish" worlds.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 4453 History and Film (H)
Description: Examines the ways in which historical events are made available to viewers through the medium of the cinema. The primary focus involves examining the relationship between historical events and the ways in which those events are depicted, commemorated, memorialized, remembered and misremembered in film.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4463 American Cultural History to 1865 (H)
Description: American society in nonpolitical aspects: sections, classes, national culture and social structure, immigration, education, religion, reform, world influences; ends with Civil War.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4483 American Cultural History Since 1865 (H)
Description: Continuation of HIST 4463; may be taken independently. Emphasis on nonpolitical aspects of American society and thought and on world influences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4493 Frontier in American Memory (H)
Description: Examination of the ways in which several American frontiers have been remembered, especially in popular culture. These frontiers include those informed by imagery related to Euro-American pioneers, women, people of color, and the tribal peoples of the American West.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4513 Economic History of the US (S)
Description: This course examines American economic history from the pre-colonial period to the present. Attention will be paid to important economic thinkers like Alexander Hamilton, Thomas Jefferson, W.E.B. DuBois, Henry George, Milton Friedman, and Stephanie Kelton. Another focus will be on understanding and evaluating critical debates about economic history and the differing methodologies that economists and historians utilize to shape their interpretations and arguments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Society & Human Behavior

HIST 4523 American Environmental History (H)
Description: Examination of the changing ways society (from Native American to post-industrial) has defined, interpreted, valued, and used nature.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4543 Vietnam War (GH)
Description: Origins of the Vietnamese struggle against colonialism, international policy, making of military strategy and diplomacy, anti-war movement, impact of the war on soldiers and civilians, reflections of the war in popular memory and culture.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 4553 Gender in America (DH)
Description: Cultural, societal and political reflections of American men and women from the colonial era to the present. Examination of the women's movements and their opponents. Exploration of changing notions of masculinity and femininity. Same course as AMST 4553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

HIST 4563 Cold War (GH)
Description: International perspectives on the origins, conflicts and ideologies of the Cold War, the nuclear arms race, impact on daily life, cultural reflections, the collapse of communism, victors and losers in the post Cold War world.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 4593 America in International Perspective (H)
Prerequisites: HIST 1103 or lower-division survey course in U.S. History, any period.
Description: A transnational interpretation of American history from the colonial era to the present day. Uses a variety of interdisciplinary sources to place the history of the United States within a comparative, global framework. Same course as AMST 4593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4633 Religion in Early America (H)
Description: A study of religious life and its history in early America, beginning with its earliest European settlers, Native Americans, and continuing through the 1800s. Same course as REL 4033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4723 Jerusalem: City and Symbol Across Millennia (H)
Description: This course explores the history of Jerusalem as a city from the earliest records of its existence in the Ancient Near East to current events, as well as the meanings attached to Jerusalem as a symbol by Jews, Christians, and Muslims living around the world, from ancient scriptures to contemporary America.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4753 Muslim-Christian Relations (H)
Description: Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as REL 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures

HIST 4883 History of Modern Southeast Asia (GH)
Description: This course will focus on the history of Southeast Asia from the late 18th century to the present day. We will examine how the histories of these nations have been connected politically, culturally, and economically. The course will be framed around specific themes such as global trade, religious diffusion, imperialism, ideas of "tradition", nationalism, and globalization in modern Asia. The class will deal extensively with the present-day legacy of these historical processes in the region.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: History
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

HIST 4903 Senior Seminar
Prerequisites: HIST 3903.
Description: An introduction to historical research for senior history majors. Students will be required to select, research, and write a seminar paper based on primary documents and use standard footnoting and bibliographical methods. Previously offered as HIST 3973.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: History

HIST 4980 Topics in History
Description: For students interested in pursuing either a research or a reading project. Open to students in history and to others by permission of instructor. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: History

HIST 4990 Undergraduate Internship
Prerequisites: Consent of instructor.
Description: History related internship experience designed to introduce majors to career possibilities. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: History

HIST 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in history.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: History
General Education and other Course Attributes: Honors Credit

HIST 5000 Thesis
Description: Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 5021 Teaching History at the College Level
Prerequisites: Graduate standing or permission of instructor required.
Description: Survey of objectives and methods in the teaching of history at the college level.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5023 Historical Methods
Prerequisites: Graduate student standing or permission of instructor required.
Description: Methods of historical research and the writing of history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5030 Public History Internship
Prerequisites: Graduate student standing or permission of instructor required.
Description: Supervised practical experience in public history. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.
Credit hours: 3-6
Contact hours: Contact: 3-6 Other: 3-6
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 5033 Introduction to Public History
Prerequisites: Graduate student standing or permission of instructor required.
Description: Introduction to theory and practice of public history. Includes public history careers, public history as a field in the discipline, and the public perception and use of the past.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5053 Museum Studies
Prerequisites: Graduate student standing or permission of instructor required.
Description: Introduction to museum theory and practice, especially as it pertains to history museums and sites. No credit for students with credit in HIST 4063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5063 Historic Preservation
Prerequisites: Graduate student standing or permission of instructor required.
Description: Focuses on the United States and examines the history and theory of the preservation movement, the legal basis for preservation of the built environment, and the methodology of preservation. No credit for students with credit in HIST 4063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5073 Digital Methods in History
Prerequisites: Graduate student standing or permission of instructor required.
Description: Introduction to the methods and practice of working with digital sources, creating digital content, basic foundations of software and metadata for digital archives, introduction to web design and database construction.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5093 Oral History: Theory and Methodology
Description: This course is an interdisciplinary introduction to oral history methodology, theory, and professional practice. It examines how oral history projects are constructed and administered and archivally managed. The course will also explore the technologies involved in the collection of interviews, the reliability of memory and the utilization of oral histories in various forms of dissemination. Students will gain practical experience in oral history interviewing and related aspects of oral history, such as transcribing, editing, archiving, and publishing oral histories. May not be used for degree credit with HIST 4093.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 5120 Reading Seminar in American History
Prerequisites: Graduate student standing or permission of instructor required.
Description: Historiographical and bibliographical study of special areas of American history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 5140 Reading Seminar in European and World History
Prerequisites: Graduate student standing or permission of instructor required.
Description: Historiographical and bibliographical study of special areas of European and World history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 5220 Research Seminar in American History
Prerequisites: Graduate student standing or permission of instructor required.
Description: Research in selected problems in American history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 5240 Research Seminar in European and World History
Prerequisites: Graduate standing or permission of instructor required.
Description: Research in selected problems in European and World history. Offered for fixed credit, 3 credit hours, maximum of 24 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 6000 Doctoral Dissertation
Prerequisites: Admission to candidacy.
Description: Advanced research in history. Offered for variable credit, 1-19 credit hours, maximum of 30 credit hours.
Credit hours: 1-19
Contact hours: Contact: 1-19 Other: 1-19
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 6023 Historiography
Prerequisites: Graduate student standing or permission of instructor required.
Description: Major writers of history, historical schools and patterns of developments in historical interpretation from the earliest times to present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

HIST 6100 Directed Readings in History
Prerequisites: Graduate student standing or permission of instructor required.
Description: Readings in selected topics in history to develop factual knowledge, analytical skills, and interpretive understanding. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: History

HIST 6130 Graduate Studies in History
Prerequisites: Graduate student standing.
Description: Graduate-level work under taken in association with upper-division lecture courses. Added component ordinarily entails a graduate-level research paper or historiographical essay of substantial length. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: History

Undergraduate Programs

- American Studies, BA (p. 1451)
- American Studies, BS (p. 1455)
- American Studies: American Indian Studies, BA (p. 1459)
- American Studies: American Indian Studies, BS (p. 1463)
- American Studies: Business Essentials, BA (p. 1467)
- American Studies: Business Essentials, BS (p. 1471)
- American Studies: Pre-Law, BA (p. 1475)
- American Studies: Pre-Law, BS (p. 1479)
- History, BA (p. 1485)
- History: Business Essentials, BA (p. 1489)
- History: Pre-Law, BA (p. 1493)

Graduate Programs

For information on History M.A. and Ph.D. programs and degree requirements, see:

- https://catalog.okstate.edu/graduate-college/masters-degrees/history-ma/ (https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcatalog.okstate.edu%2Fgraduate-college%2Fmasters-degrees%2Fhistory-ma%2F&data=05%7C02%7Cjeff.packham%40okstate.edu%7Cced254f6f634459c28db08de082ae1ba%7C2a69c91de8494e34a230cdf8b27e1964%7C0%7C0%7C638957177419178907%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=5oP%2B%2Be%2FC1E5y6NtmqKYb7LrSrY7wpbtEoUss2mGKt54%3D&reserved=0)
- https://catalog.okstate.edu/graduate-college/doctoral/history-phd/ (https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcatalog.okstate.edu%2Fgraduate-college%2Fdoctoral%2Fhistory-phd%2F&data=05%7C02%7Cjeff.packham%40okstate.edu%7Cced254f6f634459c28db08de082ae1ba%7C2a69c91de8494e34a230cdf8b27e1964%7C0%7C0%7C638957177419203045%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=eoCBCU57laI4LbKbFC1NCfYREV2KumCjnz4nrGcF9jU%3D&reserved=0)
- https://cas.okstate.edu/history/graduate_studies/ (https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcas.okstate.edu%2Fhistory%2Fgraduate_studies%2F&data=05%7C02%7Cjeff.packham%40okstate.edu%7Cced254f6f634459c28db08de082ae1ba%7C2a69c91de8494e34a230cdf8b27e1964%7C0%7C0%7C638957177419218807%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=E0GoaSq0p3U0j8tQzRT%2FIIxgsQKMy2DQifzQJg9uqH0%3D&reserved=0)

Minors

- American Indian Studies (AMIS), Minor (p. 1449)
- American Studies (AMST), Minor (p. 1450)
- Ancient and Medieval Studies (AAMS), Minor (p. 1483)
- History (HIST), Minor (p. 1484)
- Truth and Reconciliation in the Americas (TRRA), Minor (p. 1497)

Faculty

Brian Hosmer, PhD—Professor and Head
Regents Professor: Jason Lavery, PhD; James L. Huston, PhD (emeritus)
Professors: Joseph F. Byrnes, PhD (emeritus); David M. D'Andrea, PhD; John M. Kinder, PhD; Michael F. Logan, PhD (emeritus); L. George Moses, PhD (emeritus); Richard C. Rohrs, PhD (emeritus); Tonia Sharlach, PhD; Michael M. Smith, PhD (emeritus); Elizabeth A. Williams, PhD (emeritus)
Associate Professors: Laura J. Arata, PhD; Richard J. Boles, PhD; William S. Bryans, PhD (emeritus); Thomas A. Carlson, PhD; Yongtao Du, PhD; Sarah Foss, PhD; Emily Graham, PhD; Holly Karibo, PhD; Doug Miller, PhD; Lesley A. Rimmel, PhD (emeritus); Matthew Schauer, PhD; Brandy T. Wells, PhD
Assistant Professors: Francisco Beltrán, PhD; Merle Eisenberg, PhD; Mette Flynt, PhD; Sarah Griswold, PhD; Rebecca Kaplan, PhD; Kallie Kosc, PhD
Teaching Associate Professor: Jennifer Murray, PhD
Teaching Assistant Professor: Gregory Kosc, PhD; Matthew J. Pereira, PhD

American Indian Studies (AMIS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 18 hours from at least three disciplines.

Code	Title	Hours
Minor Requirement		
AMIS 2013	Introduction to American Indian Studies (D)	3
Select 9 hours of the following:		9
AMIS 3713	Native American Entrepreneurship (D)	
AMIS 4013	American Indian Sovereignty (D)	
ART 4763	Native American Art and Material Culture	
ENGL 3183	Native American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
HIST 3793	Native American History (DH)	
LL 1000	Special Studies in Languages and Literatures (Mvskoke Language and Culture)	
REL 3573	The Religions of Native Americans (DH)	
Select 6 additional hours from the list above or the following:		6
ART 3733	History of Latin American Art I	
EEE 3033	Women and Minority Entrepreneurship	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
HIST 4523	American Environmental History (H)	
HIST 3763	American Southwest (DH)	
MGMT 4213	Managing Diversity in the Workplace (D)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
Total Hours		**18**

The following courses may be used with permission from the faculty coordinator.

Code	Title	Hours
ENGL 3153	Readings in Literature by Women (DH)	3
ENGL 3813	Readings in the American Experience (DH)	3
HIST 3703	Oklahoma History (DH)	3
HIST 3753	Trans-Mississippi West (DH)	3
HIST 4453	History and Film (H)	3
HIST 4980	Topics in History	1-3
PSYC 4880	Senior Honors Thesis	1-6
PSYC 4990	Research Practicum	1-6

Other Requirements

- 12 hours must be upper-division.
- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

American Studies (AMST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 15

Code	Title	Hours
Minor Requirements		
AMST 2103	Introduction to American Studies (DH)	3
Select 9 hours of additional AMST-prefix courses [1]		9
Select 3 hours upper-division courses with a focus relevant to the field of American Studies approved by faculty coordinator		3
Total Hours		**15**

[1] 6 hours of which must be upper-division.

Other Requirements

- GPA of 2.5 with no grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

American Studies, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.		
No more than 9 hours in Major Requirements may be taken from 2000 level courses		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
Select 12 hours (9 hours must be upper division) of additional AMST courses from the following options:		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3103	The History and Future of Work (H)	
AMST 3113	Science, Literature, and Culture (H) ((or ENGL 3113))	
AMST 3223	Theories and Methods of American Studies	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
AMST 3313	Science, Technology and American Culture (H) (or HIST 3303)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or ENGL 3503)	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3753	African American Arts and Culture (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3823	U.S. as Business Culture (DH)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH) (or HIST 3863)	

AMST 3950	Special Topics in American Studies (DH)	
AMST 3980	Inquiry in American Studies	
AMST 4453	Black Geographies & Memorialization in the Landscape (DH)	
AMST 4553	Gender in America (DH) (or HIST 4553)	
AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	
AMST 4593	America in International Perspective (H)	
AMST 4910	American Period Seminar	
Interdisciplinary Studies		
Select 6 hours of the following interdisciplinary areas:		6
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH) (or AMST 3753)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH) (or GEOG 4453)	
AFAM 4543	Race Theory	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4113	Feminist Theories	
GWST 4333	History of Sexuality in the United States (D)	
GWST 4503	Theorizing Men and Masculinities	
Select 21 hours of the following options:		*21*
ART 4763	Native American Art and Material Culture	
ART 3663	History of American Art (DH)	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 2133	African Diaspora History(DH)	
HIST 2343	Religion in America (DH)	
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4353	American Military History (H)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
ENGL 3113	Science, Literature, and Culture (H)	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4223	Geography of Music (H)	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3573	The Religions of Native Americans (DH)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
SOC 3323	Collective Behavior and Social Movements	
SOC 3713	Religion, Culture and Society ((or REL 3713))	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4333	Criminology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Major Hours Subtotal		**45**
General Electives		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education courses		12
	Hours	**15**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
General Education courses		12
	Hours	**15**

Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

American Studies, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Subtotal Hours		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-division General Education		
6 hours outside AMST, American History and American Literature		
See note 2.c.		
Subtotal Hours		**13**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
Select 12 hours (9 hours must be upper division) of additional AMST courses from among the following options:		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3103	The History and Future of Work (H)	
AMST 3223	Theories and Methods of American Studies	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3113	Science, Literature, and Culture (H) (or ENGL 3113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or ENGL 3503)	
AMST 3513	Film And American Society (H)	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3753	African American Arts and Culture (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3823	U.S. as Business Culture (DH)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH) (or HIST 3863)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 3980	Inquiry in American Studies	
AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	

AMST 4453	Black Geographies & Memorialization in the Landscape (DH)	
AMST 4553	Gender in America (DH) (or HIST 4553)	
Interdisciplinary Studies		
Select 6 hours of the following interdisciplinary areas		6
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
AFAM 4543	Race Theory	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 4113	Feminist Theories	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4333	History of Sexuality in the United States (D)	
GWST 4503	Theorizing Men and Masculinities	
Select 21 hours of electives from the following options (9 hours must be upper-division):		*21*
ART 3663	History of American Art (DH)	
ART 4763	Native American Art and Material Culture	
ENGL 3113	Science, Literature, and Culture (H)	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4103	Historical Geography of North America since 1800 (H)	
GEOG 4223	Geography of Music (H)	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 2343	Religion in America (DH)	
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3610	Topics in United States History	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3573	The Religions of Native Americans (DH)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3713	Religion, Culture and Society (same as REL 3713)	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Subtotal Hours		**45**
Electives		**22**
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.		

Subtotal Hours	**22**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education courses		12
	Hours	**15**

Sophomore		
Fall		
General Education courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

American Studies: American Indian Studies, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other first-year seminar course)	1
Arts & Humanities		
AMIS 2013	Introduction to American Indian Studies (D)	3
6 additional hours. (See note 2.a.)		6
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Languages		
(See note 3.)		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
AMST courses (9 hours must be upper-division) from the following options		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3223	Theories and Methods of American Studies	
AMST 3103	The History and Future of Work (H)	
AMST 3113	Science, Literature, and Culture (H)	
AMST 3223	Theories and Methods of American Studies (or ENGL 3113)	
AMST 3253	Globalization and American Culture (H)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3653	The Body in American Culture (DH)	
AMST 3723	Cultural History of American Sports (DH) (or HIST 4193)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH)	
AMST 3823	U.S. as Business Culture (DH) (or ENGL 3813)	
AMST 3843	War and Memory in America (H)	
AMST 3863	Disability in America (DH) (or HIST 3843)	
AMST 3950	Special Topics in American Studies (DH) (or HIST 3863)	
AMST 3980	Inquiry in American Studies	

AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 4553	Gender in America (DH) (or HIST 4553)	
AMST 4593	America in International Perspective (H)	
AMST 4910	American Period Seminar	
American Indian Studies		
Choose 12 hours from the following:		12
AMIS 4013	American Indian Sovereignty (D)	
ART 4763	Native American Art and Material Culture	
ENGL 3183	Native American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
HIST 3793	Native American History (DH)	
REL 3573	The Religions of Native Americans (DH)	
HIST 2153	African American History, 1619-1865 (DH)	
Major electives		
Select 15 hours of electives from the following options		15
HIST 2163	African American History, 1865-Present (DH)	
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH) (or AMST 3753)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH) (or AMST 4453 or GEOG 4453)	
AFAM 4543	Race Theory	
ART 3663	History of American Art (DH)	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4223	Geography of Music (H)	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4113	Feminist Theories	
GWST 4333	History of Sexuality in the United States (D) (or HIST 4333)	
GWST 4503	Theorizing Men and Masculinities	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2343	Religion in America (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3610	Topics in United States History	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
REL 3573	The Religions of Native Americans (DH)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3713	Religion, Culture and Society (or REL 3713)	
SOC 4043	Gender and Work (DS)	

SOC 4213	Sociology of Sexualities (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Hours Subtotal		**45**
General Electives		**13**
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education Courses		12
	Hours	**15**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
American Indian Studies courses		6
College and Electives courses		3
	Hours	**15**
Spring		
American Indian Studies courses		6
College and Electives courses		9
	Hours	**15**
Senior		
Fall		
American Indian Studies courses		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
American Indian Studies course		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

American Studies: American Indian Studies, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
(See note 2.b.)		9
Foreign Languages		
0-6 hours		
(See note 3.)		
Upper-Division General Education		
6 hours outside AMST, American History and American Literature		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		*12*
Select 12 hours (9 hours must be upper-division) of additional AMST courses from among the following options:		
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 25232)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3223	Theories and Methods of American Studies	
AMST 3103	The History and Future of Work (H)	
AMST 3113	Science, Literature, and Culture (H) (or ENGL 3113)	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or ENGL 3503)	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3823	U.S. as Business Culture (DH)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH) (or HIST 3863)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 3980	Inquiry in American Studies	
AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	

AMST 4453	Black Geographies & Memorialization in the Landscape (DH)	
AMST 4553	Gender in America (DH) (or HIST 4453)	
AMST 4593	America in International Perspective (H)	
AMST 4910	American Period Seminar	
American Indian Studies		*12*
Select 12 hours from the following options:		
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
ART 4763	Native American Art and Material Culture	
ENGL 3183	Native American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
HIST 3793	Native American History (DH)	
REL 3573	The Religions of Native Americans (DH)	
Major electives		*15*
Select 15 hours of electives from the following options		
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH) (or AMST 3753)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
AFAM 4543	Race Theory	
ART 3663	History of American Art (DH)	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 4223	Geography of Music (H)	
GEOG 4223	Geography of Music (H)	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4113	Feminist Theories	
GWST 4333	History of Sexuality in the United States (D) (or HIST 4333)	
GWST 4503	Theorizing Men and Masculinities	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3610	Topics in United States History	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3713	Religion, Culture and Society ((same as REL 3713))	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Hours Subtotal		**45**
General Electives		
19 hours of Electives		22
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.		

Hours Subtotal	**22**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education Courses		12
	Hours	**15**

Sophomore		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
American Indian Studies courses		6
College and Electives courses		6
	Hours	**15**
Spring		
American Indian Studies courses		6
College and Electives courses		9
	Hours	**15**
Senior		
Fall		
American Indian Studies courses		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
American Indian Studies course		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

American Studies: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, excluding MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N) with one (L)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Languages		
(See note 3.)		9
Non-Western Studies		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.		
No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
Select 12 hours (9 hours must be upper division) of additional AMST courses from the following options:		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3113	Science, Literature, and Culture (H) (or ENGL 3113)	
AMST 3223	Theories and Methods of American Studies	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or AMST 3503)	
AMST 3513	Film And American Society (H)	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH) (or HIST 3863)	
AMST 3950	Special Topics in American Studies (DH)	

AMST 3980	Inquiry in American Studies	
AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	
AMST 4553	Gender in America (DH) (AMST 4553)	
General Electives		
Select 15 hours of electives from the following options		15
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH) (or AMST 3743)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH) (or GEOG 4453 or AMST 4453)	
AFAM 4543	Race Theory	
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4223	Geography of Music (H)	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4113	Feminist Theories	
GWST 4333	History of Sexuality in the United States (D) (or HIST 4333)	
GWST 4503	Theorizing Men and Masculinities	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 2343	Religion in America (DH)	
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3610	Topics in United States History	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3573	The Religions of Native Americans (DH) (same as HIST 4633)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3713	Religion, Culture and Society (same as REL 3713)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Business Essentials		
Select 6 hours from the following:		6
ACCT 2003	Survey of Accounting	
MGMT 3013	Fundamentals of Management (S)	
MKTG 3213	Marketing (S)	
Select 6 hours from business emphasis courses:		6
AMST 3103	The History and Future of Work (H)	
AMST 3823	U.S. as Business Culture (DH)	
EEE 2083	Entrepreneurship & Society	
EEE 3033	Women and Minority Entrepreneurship	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 4513	Economic History of the US (S)	
MGMT 3963	Social Issues in Sports Management	

MGMT 4093	Management of Nonprofit Organizations	
MGMT 4650	Leadership Issues	
SOC 4043	Gender and Work (DS)	
Hours Subtotal		**45**
General Electives		**13**
May need to include 6 hours upper-division general education outside AMST, American History and American Literature. See note 2.c.		
Hours Subtotal		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3

AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education Courses		12
	Hours	**15**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
College and Electives courses		9
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

American Studies: Business Essentials, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one course from:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, excluding MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
(See note 2.b.)		9
Foreign Languages		
0-6 hours		
(See note 3.)		
Upper-Division General Education		
6 hours outside AMST, American History and American Literature		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses.		
No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
Select 12 hours (9 hours must be upper division) of additional AMST courses from among the following options:		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3113	Science, Literature, and Culture (H) (or ENGL 3113)	
AMST 3223	Theories and Methods of American Studies	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or ENGL 3503)	
AMST 3513	Film And American Society (H)	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH) (or HIST 3863)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 3980	Inquiry in American Studies	

AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	
AMST 4553	Gender in America (DH) (or HIST 4553)	
Major electives		
Select 15 hours of electives from the following options		15
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH) (or AMST 3753)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH) (or AMST 4453 or GEOG 4453)	
AFAM 4543	Race Theory	
AMIS 2013	Introduction to American Indian Studies (D)	
AMIS 4013	American Indian Sovereignty (D)	
ART 3663	History of American Art (DH)	
ART 4763	Native American Art and Material Culture	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4113	Feminist Theories	
GWST 4333	History of Sexuality in the United States (D) (or HIST 4333)	
GWST 4503	Theorizing Men and Masculinities	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 2343	Religion in America (DH)	
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3610	Topics in United States History	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3573	The Religions of Native Americans (DH)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H) (same as HIST 4633)	
SOC 3223	Social Psychology (S)	
SOC 3713	Religion, Culture and Society (same as REL 3713)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Business Essentials:		
Select 6 hours from the following:		6
ACCT 2003	Survey of Accounting	
MGMT 3013	Fundamentals of Management (S)	
MKTG 3213	Marketing (S)	
Select 6 hours from business emphasis courses:		6
AMST 3103	The History and Future of Work (H)	
AMST 3823	U.S. as Business Culture (DH)	
EEE 2083	Entrepreneurship & Society	
EEE 3033	Women and Minority Entrepreneurship	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 4513	Economic History of the US (S)	
MGMT 3963	Social Issues in Sports Management	
MGMT 4093	Management of Nonprofit Organizations	

MGMT 4650	Leadership Issues	
SOC 4043	Gender and Work (DS)	
Hours Subtotal		**45**
General Electives		
22 hours of Electives		22
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour		
Hours Subtotal		**22**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3

AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education Courses		12
	Hours	**15**
Sophomore		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

American Studies: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses		
No more than 9 hours in Major Requirements may be taken from 2000 level courses		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
Select 12 hours (9 hours must be upper division) of the following options:		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3103	The History and Future of Work (H)	
AMST 3113	Science, Literature, and Culture (H) (or ENGL 3133)	
AMST 3223	Theories and Methods of American Studies	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or ENGL 3503)	
AMST 3513	Film And American Society (H)	
AMST 3550	The Arts and American Society	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3823	U.S. as Business Culture (DH)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH)	

AMST 3950	Special Topics in American Studies (DH)
AMST 3980	Inquiry in American Studies
AMST 4553	Gender in America (DH)
AMST 4910	American Period Seminar

Major electives

Select 15 hours of major electives from the following courses: 15

AFAM 2223	Movements of the Black Diaspora (G)
AFAM 2423	Black Popular Culture (DH)
AFAM 2523	Black Political Thought (DH)
AFAM 3753	African American Arts and Culture (DH) (or AMST 3753)
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH) (or GEOG 4453 or AMST 4453)
AFAM 4543	Race Theory
AMIS 2013	Introduction to American Indian Studies (D)
AMIS 4013	American Indian Sovereignty (D)
ART 3663	History of American Art (DH)
ART 4763	Native American Art and Material Culture
ENGL 3133	Readings in Multi-Ethnic American Literature
ENGL 3153	Readings in Literature by Women (DH)
ENGL 3183	Native American Literature (DH)
ENGL 3193	African-American Literature (DH)
ENGL 3453	History of American Film (H)
ENGL 4093	Language in America (DS)
ENGL 4230	Literature of Diversity
GEOG 3703	Geography Of Oklahoma (S)
GEOG 3713	Exploring North America and Diversity (DS)
GEOG 4223	Geography of Music (H)
GWST 2123	Introduction to Gender Studies (DH)
GWST 3513	Theorizing Sexualities (D)
GWST 3553	LGBTQ Lives in the United States (D)
GWST 3613	Race and Reproduction in the U.S. (D)
GWST 3713	Gender and Representation (D)
GWST 3813	Mothering
GWST 3913	Gender, Violence & Justice (D)
GWST 4113	Feminist Theories
GWST 4333	History of Sexuality in the United States (D) (or HIST 4333)
GWST 4503	Theorizing Men and Masculinities
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)
HIST 2133	African Diaspora History(DH)
HIST 2153	African American History, 1619-1865 (DH)
HIST 2163	African American History, 1865-Present (DH)
HIST 2343	Religion in America (DH)
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)
HIST 3453	Colonial Latin America (H)
HIST 3463	Modern Latin America (GH)
HIST 3593	Introduction to Museum and Cultural Studies (H)
HIST 3610	Topics in United States History
HIST 3703	Oklahoma History (DH)
HIST 3713	Women in the American West (DH)
HIST 3793	Native American History (DH)
HIST 3803	History of Food (H)
HIST 3853	History of the North American Borderlands (DH)
HIST 3873	History of Health and Social Movements in the United States (H)
HIST 4173	Black Intellectual History (DH)
HIST 4363	US History through Popular and Unpopular Music (DH)
HIST 4463	American Cultural History to 1865 (H)
HIST 4483	American Cultural History Since 1865 (H)
HIST 4493	Frontier in American Memory (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (GH)
HIST 4563	Cold War (GH)
HIST 4593	America in International Perspective (H)
POLS 2313	Social Justice Politics (D)
POLS 3973	Race, Politics and Sports (D)
POLS 4223	Social Movements
POLS 4333	Improving Democracy (S)
POLS 4573	Democratic Theory
REL 2113	Religion in Film (H)
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)
REL 3413	The Bible and Contemporary Social Issues (H)
REL 3543	Religion, Race and Social Justice (DH)
REL 3573	The Religions of Native Americans (DH)
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)
REL 4033	Religion in Early America (H)
SOC 3323	Collective Behavior and Social Movements
SOC 3713	Religion, Culture and Society (same as REL 3713)
SOC 4043	Gender and Work (DS)
SOC 4213	Sociology of Sexualities (S)
SOC 4453	Environmental Inequality (S)
SOC 4643	Sociology of Gender (S)

Legal Emphasis

Select 12 hours of electives from legal emphasis courses: 12

AGEC 3713	Agricultural Law
AMIS 4013	American Indian Sovereignty (D)
AMST 3333	Crime, Law and American Culture (S)
AMST 4103	The Death Penalty in America (S) (or SOC 4103 of HIST 4203)
GEOG 3133	Political Geography (GS)

HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3513	Social & Political Philosophy (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 3963	State Courts and the Bar	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
PSYC 4293	Forensic Psychology	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology (S)	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	
Major Hours Subtotal		**45**
General Electives		**13**
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Recommend ECON 2103 and POLS 2023		
Hours Subtotal		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Educations courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education Courses		12
	Hours	**15**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
1713 First Semester Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
2000-level Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
American Indian Studies courses		6
College and Electives courses		9
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

American Studies: Pre-Law, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
See note 2.b.		6
Foreign Languages		
See note 3.		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside AMST, American History and American Literature		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all AMST upper-division courses. No more than 9 hours in Major Requirements may be taken from 2000-level courses.		
AMST 2103	Introduction to American Studies (DH)	3
AMST 4973	Senior Seminar in American Studies	3
American Studies		
Select 12 hours (9 hours must be upper division) of additional AMST courses from among the following options:		12
AMST 2423	American Popular Culture (H)	
AMST 2473	American Imperial Culture (or HIST 2473)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H) (or HIST 2513)	
AMST 2523	Dust Bowl (H) (or HIST 2523)	
AMST 2683	Introduction to Digital Humanities (H)	
AMST 3103	The History and Future of Work (H) (or ENGL 3113)	
AMST 3113	Science, Literature, and Culture (H)	
AMST 3223	Theories and Methods of American Studies	
AMST 3253	Globalization and American Culture (H) (or HIST 4113)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH) (or HIST 3303)	
AMST 3313	Science, Technology and American Culture (H)	
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	
AMST 3413	Science Fiction (H) (or ENGL 3413)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D) (or ENGL 3473)	
AMST 3503	Television and American Society (DH) (or ENGL 3503)	
AMST 3513	Film And American Society (H)	
AMST 3550	The Arts and American Society	
AMST 3653	The Body in American Culture (DH) (or HIST 4193)	
AMST 3723	Cultural History of American Sports (DH)	
AMST 3803	War In American Culture (H)	
AMST 3813	Readings in the American Experience (DH) (or ENGL 3813)	
AMST 3823	U.S. as Business Culture (DH)	
AMST 3843	War and Memory in America (H) (or HIST 3843)	
AMST 3863	Disability in America (DH) (or HIST 3863)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 3980	Inquiry in American Studies	

AMST 4553	Gender in America (DH)	
AMST 4910	American Period Seminar	
Major electives		
Select 15 hours of electives from the following options:		15
AFAM 2223	Movements of the Black Diaspora (G)	
AFAM 2423	Black Popular Culture (DH)	
AFAM 2523	Black Political Thought (DH)	
AFAM 3753	African American Arts and Culture (DH) (or AMST 3753)	
AFAM 4453	Black Geographies & Memorialization in the Landscape (DH) (or GEOG 4453)	
AFAM 4543	Race Theory	
AMIS 2013	Introduction to American Indian Studies (D)	
ART 3663	History of American Art (DH)	
ART 4763	Native American Art and Material Culture	
ENGL 3133	Readings in Multi-Ethnic American Literature	
ENGL 3153	Readings in Literature by Women (DH)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
ENGL 3453	History of American Film (H)	
ENGL 4093	Language in America (DS)	
ENGL 4230	Literature of Diversity	
GEOG 3703	Geography Of Oklahoma (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
GEOG 4223	Geography of Music (H)	
GWST 2123	Introduction to Gender Studies (DH)	
GWST 3513	Theorizing Sexualities (D)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
GWST 3713	Gender and Representation (D)	
GWST 3813	Mothering	
GWST 3913	Gender, Violence & Justice (D)	
GWST 4113	Feminist Theories	
GWST 4333	History of Sexuality in the United States (D) (or HIST 4333)	
GWST 4503	Theorizing Men and Masculinities	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2133	African Diaspora History(DH)	
HIST 2153	African American History, 1619-1865 (DH)	
HIST 2163	African American History, 1865-Present (DH)	
HIST 2343	Religion in America (DH)	
HIST 2413	From Assassin's Creed to Witcher: Medievalism in the 21st Century World (H)	
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (GH)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3610	Topics in United States History	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	
HIST 3793	Native American History (DH)	
HIST 3803	History of Food (H)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 3873	History of Health and Social Movements in the United States (H)	
HIST 4173	Black Intellectual History (DH)	
HIST 4363	US History through Popular and Unpopular Music (DH)	
HIST 4463	American Cultural History to 1865 (H)	
HIST 4483	American Cultural History Since 1865 (H)	
HIST 4493	Frontier in American Memory (H)	
HIST 4513	Economic History of the US (S)	
HIST 4523	American Environmental History (H)	
HIST 4543	Vietnam War (GH)	
HIST 4563	Cold War (GH)	
HIST 4593	America in International Perspective (H)	
POLS 2313	Social Justice Politics (D)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4573	Democratic Theory	
REL 2113	Religion in Film (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3573	The Religions of Native Americans (DH)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 4033	Religion in Early America (H)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3713	Religion, Culture and Society ((same as REL 3713))	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
Legal Emphasis		
Select 12 hours (upper-division) from the following:		12
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D) (Select 12 hours of electives from legal emphasis courses)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 4103	The Death Penalty in America (S) (or HIST 4203 or SOC 4103)	
GEOG 3133	Political Geography (GS)	
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3513	Social & Political Philosophy (H)	

PHIL 3413	Ethical Theory (H)	
PHIL 3513	Social & Political Philosophy (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3963	State Courts and the Bar	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
PSYC 4293	Forensic Psychology	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology (S)	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	
Major Hours Subtotal		**45**
General Electives		**22**
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside AMST, American History and American Literature (see note 2.c.) and 1 additional upper-division hour.		
Recommend ECON 2103 and POLS 2023		
Total Hours		**120**

Other Requirements:

- See College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
AMST 2103	Introduction to American Studies (DH)	3
General Education Courses		9
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
General Education Courses		12
	Hours	**15**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
AMST 3223	Theories and Methods of American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
AMST 4973	Senior Seminar in American Studies	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Ancient and Medieval Studies (AAMS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C"
Total Hours: 18

Code	Title	Hours
Minor Requirements		
12 hours must be upper-division		
At least 3 hours must be non-Western		
Select 18 credit hours from at least 3 disciplinary areas:		18
ART 1503	Art History Survey I (H)	
ART 3603	History of Classical Art (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4693	Gender And Visual Culture	
ENGL 2543	Survey of British Literature I (H)	
ENGL 3123	Mythology (H)	
ENGL 3163	Literatures of the Ancient World (H)	
ENGL 4003	History of the English Language	
ENGL 4100	Studies in Medieval British Literature	
ENGL 4223	Introduction to Old English	
ENGL 4600	Studies in Chaucer or Milton	
ENGL 4700	Single Author or Work Pre-1800	
GREK 1713	Elementary Classical Greek I	
GREK 1813	Elementary Classical Greek II	
GREK 2713	Elementary Classical Greek III	
GREK 2813	Intermediate Readings	
GREK 3330	Advanced Readings	
GREK 4113	Greek Literature in Translation	
HIST 1613	Western Civilization to 1500 (H)	
HIST 1713	Survey of Eastern Civilization (H)	
HIST 1813	World History from Ancient Times to 1500 (H)	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3043	From the Garden of Eden to Babylon (H)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3233	Late Medieval World, 1000-1450 (H)	
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3573	The Mongol Empire (H)	
HIST 3980	Studies in History (must be "Religion and Mythology")	
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)	
HIST 4413	Sex and Gender in the Medieval World (H)	
HONR 2413	The Ancient World (H)	
HONR 2423	The Middle Ages and Renaissance (H)	
LATN 1713	Elementary Latin I	
LATN 1813	Elementary Latin II	
LATN 2713	Elementary Latin III	
LATN 2813	Intermediate Readings	
LATN 3123	Classical Mythology	
LATN 3223	Love and Hate in Greece and Rome	
LATN 3330	Advanced Readings in Latin	
LATN 4113	Latin Literature in Translation	
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3943	Asian Philosophy (HI)	
REL 2013	The Old Testament and its Study (H)	
REL 2023	The New Testament and Its Study (H)	
REL 3223	Jesus: Teachings, History and Interpretation (H)	
REL 3243	Origins of the Christian Church (H)	
REL 3423	Classic Christian Writings (H)	
Other courses that are at least 50% focused on the Ancient World and/or Middle Ages may be used with consent of advisor.		
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

History (HIST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Sarah Mutschelknaus, 101B SSH, 405-744-8197

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
18 hours HIST, 12 of which must be upper-division		18

Choose from HIST (p. 578) courses.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

History, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Select one course from each group:		
Group 1:		
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1713	Survey of Eastern Civilization (H)	
or HIST 1813	World History from Ancient Times to 1500 (H)	
Group 2:		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1823	World History 1500 to Present (H)	
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all U/D HIST courses		
HIST 3903	Introduction to the Study of History	3
HIST 4903	Senior Seminar (For students whose research focus is U.S. History, AMST 4973 may be used.)	3
or HIST 4993	Senior Honors Thesis	
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 9 hours may be 2000-level.		30
HIST 3980 Studies in History, and HIST 4980 Topics in History (9 hours maximum) or HIST 4993 Senior Honors Thesis may be substituted in one or more of the areas with consent of advisor.		
American History:		
HIST 2023	History of the Present (H) [1]	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 2523	Dust Bowl (H)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 2133	African Diaspora History(DH)	
HIST 3333	History of the Second World War (GH) [1]	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3603	Historians at Work	
HIST 3610	Topics in United States History	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	

HIST 3683	United States History Since 1945 (DH)
HIST 3693	The Modern West (H)
HIST 3703	Oklahoma History (DH)
HIST 3713	Women in the American West (DH)
HIST 3753	Trans-Mississippi West (DH)
HIST 3763	American Southwest (DH)
HIST 3773	The American South to 1860
HIST 3793	Native American History (DH)
HIST 3803	History of Food (H) [1]
HIST 3843	War and Memory in America (H)
HIST 3853	History of the North American Borderlands (DH)
HIST 3863	Disability in America (DH)
HIST 3873	History of Health and Social Movements in the United States (H)
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)
HIST 4033	Introduction to Public History (H)
HIST 4053	History and the Law [1]
HIST 4063	Historic Preservation [1]
HIST 4073	Digital Methods in History [1]
HIST 4093	Oral History: Theory and Methodology
HIST 4103	Historical Geography of the United States (H)
HIST 2153	African American History, 1619-1865 (DH)
HIST 2163	African American History, 1865-Present (DH)
HIST 4173	Black Intellectual History (DH)
HIST 4193	The Body in American Culture (H)
HIST 4203	The Death Penalty in America (S)
HIST 4253	U.S. Foreign Relations to 1945 (H)
HIST 4273	U.S. Foreign Relations Since 1945 (H)
HIST 4353	American Military History (H)
HIST 4363	US History through Popular and Unpopular Music (DH)
HIST 4453	History and Film (H) [1]
HIST 4463	American Cultural History to 1865 (H)
HIST 4483	American Cultural History Since 1865 (H)
HIST 4493	Frontier in American Memory (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (GH) [1]
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (GH) [1]
HIST 4593	America in International Perspective (H) [1]
HIST 4633	Religion in Early America (H)
European History:	
HIST 3023	Ancient Greece (H)
HIST 3063	The Roman Empire (H)
HIST 3083	Modern Italy: Cultural Patrimony and National Identity (GH)
HIST 3113	Germany Since 1815 (GH)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (GH)
HIST 3233	Late Medieval World, 1000-1450 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (GH)
HIST 3323	Modern France, 1789-Present (GH)
HIST 3343	World War I in Modern European Culture (GH)
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3473	British Empire and Commonwealth of Nations (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3710	Topics in European History
HIST 3913	History of Medicine (H) [1]
HIST 3953	Earthly Powers: Politics and Religion in Modern Europe
HIST 3963	Modern Empires and Revolutions (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
World History:	
HIST 2313	Heroes and Wonders of the Ancient World (H)
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)
HIST 3013	Ancient Egypt and Israel (H)
HIST 3043	From the Garden of Eden to Babylon (H)
HIST 3123	The History of Modern Africa (GH)
HIST 3203	The Medieval World, 500-1500 (H)
HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
HIST 3403	East Asia to 1800 (H)
HIST 3413	East Asia Since 1800 (GH)
HIST 3423	Modern Japan (GH)
HIST 3433	Modern China (GH)
HIST 3443	Gender Relations in Chinese History (H)
HIST 3453	Colonial Latin America (H)
HIST 3463	Modern Latin America (GH)
HIST 3503	Medieval Islamic History (H)
HIST 3513	Modern Middle East (GH)
HIST 3573	The Mongol Empire (H)
HIST 3810	Topics in World History
HIST 4723	Jerusalem: City and Symbol Across Millennia (H)
HIST 4753	Muslim-Christian Relations (H)
HIST 4883	History of Modern Southeast Asia (GH)
Select 12 hours upper-division courses from the following related prefixes, or others with consent of advisor:	12

AFAM, AMST, AMIS, ANTH, ART, ECON, ENGL, FLL (and any foreign language), GEOG, GWST, PHIL, POLS, PSYC, REL, SOC.	
For students interested in teaching, EDTC 3123, EPSY 3213, and SCFD 3223 may be used.	
Hours Subtotal	**48**
Electives	
Select 10 hours	10
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
Hours Subtotal	**10**
Total Hours	**120**

[1] These courses have geographic flexibility and may be used in any of the three areas (American History, European History, or World History) with consent of advisor.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493	American History Since 1865 (DH)	3
or HIST 1483	or American History to 1865 (H)	
or HIST 1103	or Survey of American History	
General Education courses		8
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1623	or Western Civilization after 1500 (H)	
or HIST 1713	or History of Asia to 1800 (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1613	or Western Civilization to 1500 (H)	
or HIST 1713	or History of Asia to 1800 (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major and College courses		12
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
HIST 3903	Introduction to the Study of History	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
HIST 4903	Senior Seminar	3
or HIST 4993	or Senior Honors Thesis	
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

History: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History [1]	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher excluding MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Select one course from each group:		
Group 1:		
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1713	Survey of Eastern Civilization (H)	
or HIST 1813	World History from Ancient Times to 1500 (H)	
Group 2:		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1823	World History 1500 to Present (H)	
Reasoning in the Natural Sciences (N)		
Must include one Laboratory Science (L) course.		
Courses designated (N) with one (L)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Languages		
(See note 3.)		9
Non-Western Studies		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50; Minimum grade of "C" in all U/D HIST courses.		
HIST 3903	Introduction to the Study of History	3
HIST 4903	Senior Seminar (For students whose research focus is U.S. History, AMST 4973 may be used.)	3
or HIST 4993	Senior Honors Thesis	
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 9 hours may be 2000-level.		30
American History:		
HIST 2023	History of the Present (H) [1]	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 2523	Dust Bowl (H)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 2133	African Diaspora History(DH)	
HIST 3333	History of the Second World War (GH) [1]	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3603	Historians at Work	
HIST 3610	Topics in United States History	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
HIST 3693	The Modern West (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3713	Women in the American West (DH)	

HIST 3753	Trans-Mississippi West (DH)
HIST 3763	American Southwest (DH)
HIST 3773	The American South to 1860
HIST 3793	Native American History (DH)
HIST 3803	History of Food (H) [1]
HIST 3843	War and Memory in America (H)
HIST 3853	History of the North American Borderlands (DH)
HIST 3863	Disability in America (DH)
HIST 3873	History of Health and Social Movements in the United States (H)
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)
HIST 4033	Introduction to Public History (H)
HIST 4053	History and the Law [1]
HIST 4063	Historic Preservation
HIST 4073	Digital Methods in History
HIST 4093	Oral History: Theory and Methodology
HIST 4103	Historical Geography of the United States (H)
HIST 2153	African American History, 1619-1865 (DH)
HIST 2163	African American History, 1865-Present (DH)
HIST 4173	Black Intellectual History (DH)
HIST 4193	The Body in American Culture (H)
HIST 4203	The Death Penalty in America (S)
HIST 4253	U.S. Foreign Relations to 1945 (H)
HIST 4273	U.S. Foreign Relations Since 1945 (H)
HIST 4353	American Military History (H)
HIST 4363	US History through Popular and Unpopular Music (DH)
HIST 4453	History and Film (H)
HIST 4463	American Cultural History to 1865 (H)
HIST 4483	American Cultural History Since 1865 (H)
HIST 4493	Frontier in American Memory (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (GH)
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (GH)
HIST 4593	America in International Perspective (H)
HIST 4633	Religion in Early America (H)
European History:	
HIST 3023	Ancient Greece (H)
HIST 3063	The Roman Empire (H)
HIST 3083	Modern Italy: Cultural Patrimony and National Identity (GH)
HIST 3113	Germany Since 1815 (GH)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (GH)
HIST 3233	Late Medieval World, 1000-1450 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (GH)
HIST 3323	Modern France, 1789-Present (GH)
HIST 3343	World War I in Modern European Culture (GH)
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3473	British Empire and Commonwealth of Nations (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3710	Topics in European History
HIST 3913	History of Medicine (H) [1]
HIST 3953	Earthly Powers: Politics and Religion in Modern Europe
HIST 3963	Modern Empires and Revolutions (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
World History:	
HIST 2313	Heroes and Wonders of the Ancient World (H)
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)
HIST 3013	Ancient Egypt and Israel (H)
HIST 3043	From the Garden of Eden to Babylon (H)
HIST 3123	The History of Modern Africa (GH)
HIST 3203	The Medieval World, 500-1500 (H)
HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
HIST 3403	East Asia to 1800 (H)
HIST 3413	East Asia Since 1800 (GH)
HIST 3423	Modern Japan (GH)
HIST 3433	Modern China (GH)
HIST 3443	Gender Relations in Chinese History (H)
HIST 3453	Colonial Latin America (H)
HIST 3463	Modern Latin America (GH)
HIST 3503	Medieval Islamic History (H)
HIST 3513	Modern Middle East (GH)
HIST 3573	The Mongol Empire (H)
HIST 3810	Topics in World History
HIST 4723	Jerusalem: City and Symbol Across Millennia (H)
HIST 4753	Muslim-Christian Relations (H)
HIST 4883	History of Modern Southeast Asia (GH)

HIST 3980 and HIST 4980 (9 hours maximum) or HIST 4993 may be substituted in one or more of the above areas with consent of advisor.

12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3

MKTG 3213	Marketing (S)	3
3 hours from the following:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Hours Subtotal		**48**
Electives		**10**
May need to include 6 hours from upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**10**
Total Hours		**120**

[1] Students with prior credit in HIST 1103 may not earn credit in HIST 1483 or HIST 1493.

Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493	American History Since 1865 (DH)	3
or HIST 1483	or American History to 1865 (H)	
or HIST 1103	or Survey of American History	
General Education courses		8
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1623	or Western Civilization after 1500 (H)	
or HIST 1713	or History of Asia to 1800 (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1613	or Western Civilization to 1500 (H)	
or HIST 1713	or History of Asia to 1800 (H)	
or HIST 1813	or World History from Ancient Times to 1500 (H)	
or HIST 1823	or World History 1500 to Present (H)	
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major and College courses		12
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
HIST 3903	Introduction to the Study of History	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
HIST 4903	Senior Seminar	3
or HIST 4993	or Senior Honors Thesis	
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

History: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Select one course from each group:		
Group 1:		
HIST 1613	Western Civilization to 1500 (H)	3
or HIST 1713	Survey of Eastern Civilization (H)	
or HIST 1813	World History from Ancient Times to 1500 (H)	
Group 2:		
HIST 1623	Western Civilization after 1500 (H)	3
or HIST 1823	World History 1500 to Present (H)	
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		
PHIL 1313	Logic and Critical Thinking (Q)	3
Foreign Language		
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all U/D HIST courses		
HIST 3903	Introduction to the Study of History	3
HIST 4903	Senior Seminar (For students whose research focus is U.S. History, AMST 4973 may be used.)	3
or HIST 4993	Senior Honors Thesis	
30 hours to include at least 2 courses (6 hours) from each of the 3 areas below. Only 9 hours may be 2000-level.		30
HIST 3980 Studies in History, and HIST 4980 Topics in History (9 hours maximum) or HIST 4993 Senior Honors Thesis may be substituted in one or more of the areas with consent of advisor.		
American History		
HIST 2023	History of the Present (H) [1]	
HIST 2043	Ghosts and Graveyards: History of Dark Tourism (H)	
HIST 2333	American Thought and Culture: Survey (H)	
HIST 2343	Religion in America (DH)	
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 2523	Dust Bowl (H)	
HIST 3093	Historical Geography of North America to 1800 (H)	
HIST 3703	Oklahoma History (DH)	
HIST 3333	History of the Second World War (GH) [1]	
HIST 2133	African Diaspora History(DH)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3603	Historians at Work	
HIST 3610	Topics in United States History	
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3633	Early National Period, 1787-1828 (H)	
HIST 3643	Antebellum America, 1828-1850 (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3663	U.S History 1877-1919 (H)	

HIST 3673	United States History, 1919-45 (DH)
HIST 3683	United States History Since 1945 (DH)
HIST 3693	The Modern West (H)
HIST 3713	Women in the American West (DH)
HIST 3753	Trans-Mississippi West (DH)
HIST 3763	American Southwest (DH)
HIST 3773	The American South to 1860
HIST 3793	Native American History (DH)
HIST 3803	History of Food (H) [1]
HIST 3843	War and Memory in America (H)
HIST 3853	History of the North American Borderlands (DH)
HIST 3863	Disability in America (DH)
HIST 3873	History of Health and Social Movements in the United States (H)
HIST 3883	History of Drugs, Policy, and Culture in the United States (H)
HIST 4033	Introduction to Public History (H)
HIST 4053	History and the Law [1]
HIST 4063	Historic Preservation [1]
HIST 4073	Digital Methods in History [1]
HIST 4093	Oral History: Theory and Methodology
HIST 4103	Historical Geography of the United States (H)
HIST 2153	African American History, 1619-1865 (DH)
HIST 2163	African American History, 1865-Present (DH)
HIST 4173	Black Intellectual History (DH)
HIST 4193	The Body in American Culture (H)
HIST 4203	The Death Penalty in America (S)
HIST 4253	U.S. Foreign Relations to 1945 (H)
HIST 4273	U.S. Foreign Relations Since 1945 (H)
HIST 4353	American Military History (H)
HIST 4363	US History through Popular and Unpopular Music (DH)
HIST 4453	History and Film (H) [1]
HIST 4463	American Cultural History to 1865 (H)
HIST 4483	American Cultural History Since 1865 (H)
HIST 4493	Frontier in American Memory (H)
HIST 4513	Economic History of the US (S)
HIST 4523	American Environmental History (H)
HIST 4543	Vietnam War (GH) [1]
HIST 4553	Gender in America (DH)
HIST 4563	Cold War (GH) [1]
HIST 4593	America in International Perspective (H) [1]
HIST 4633	Religion in Early America (H)
European History	
HIST 3023	Ancient Greece (H)
HIST 3063	The Roman Empire (H)
HIST 3083	Modern Italy: Cultural Patrimony and National Identity (GH)
HIST 3113	Germany Since 1815 (GH)
HIST 3153	Russia to 1861 (H)
HIST 3163	Russia Since 1861 (GH)
HIST 3233	Late Medieval World, 1000-1450 (H)
HIST 3243	Renaissance, 1350-1517 (H)
HIST 3253	Absolutism and Enlightenment, 1648-1789
HIST 3263	Modern Europe, 1815-1914 (H)
HIST 3273	Modern Europe Since 1914 (GH)
HIST 3323	Modern France, 1789-Present (GH)
HIST 3343	World War I in Modern European Culture (GH)
HIST 3363	Popular Religion in the West, 1300-1700 (H)
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)
HIST 3383	Tudor-Stuart England (H)
HIST 3393	Modern England: 1714-Present (H)
HIST 3473	British Empire and Commonwealth of Nations (H)
HIST 3483	Reformation Europe, 1517-1648 (H)
HIST 3710	Topics in European History
HIST 3913	History of Medicine (H) [1]
HIST 3953	Earthly Powers: Politics and Religion in Modern Europe
HIST 3963	Modern Empires and Revolutions (H)
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)
HIST 4413	Sex and Gender in the Medieval World (H)
World History	
HIST 2313	Heroes and Wonders of the Ancient World (H)
HIST 2713	Sympathy, Curiosity, and Rivalry: The U.S. and China Since 1900 (H)
HIST 3013	Ancient Egypt and Israel (H)
HIST 3043	From the Garden of Eden to Babylon (H)
HIST 3123	The History of Modern Africa (GH)
HIST 3203	The Medieval World, 500-1500 (H)
HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)
HIST 3403	East Asia to 1800 (H)
HIST 3413	East Asia Since 1800 (GH)
HIST 3423	Modern Japan (GH)
HIST 3433	Modern China (GH)
HIST 3443	Gender Relations in Chinese History (H)
HIST 3453	Colonial Latin America (H)
HIST 3463	Modern Latin America (GH)
HIST 3503	Medieval Islamic History (H)
HIST 3513	Modern Middle East (GH)
HIST 3573	The Mongol Empire (H)
HIST 3810	Topics in World History
HIST 4723	Jerusalem: City and Symbol Across Millennia (H)
HIST 4753	Muslim-Christian Relations (H)
HIST 4883	History of Modern Southeast Asia (GH)
Select 12 hours of the following upper-division law-related courses:	12

AGEC 3713	Agricultural Law	
AMST 3333	Crime, Law and American Culture (S)	
ECON 3713	Introduction to Industrial Organization	
PHIL 3003	Symbolic Logic (Q)	
POLS 3033	International Law	
POLS 3963	State Courts and the Bar	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4363	Environmental Law And Policy	
PSYC 4143	Psychology and Law	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4313	Sociology of Law	
others with consent of advisor		
Hours Subtotal		**48**
Electives		
Select 10 hours		10
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Recommended courses:		
ECON 2103	Introduction to Microeconomics (S)	
or POLS 2023	The Individual And The Law	
Hours Subtotal		**10**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
General Education courses		8
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
HIST 1613 or HIST 1623 or HIST 1713 or HIST 1813 or HIST 1823	Western Civilization to 1500 (H) or Western Civilization after 1500 (H) or History of Asia to 1800 (H) or World History from Ancient Times to 1500 (H) or World History 1500 to Present (H)	3
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
HIST 1623 or HIST 1613 or HIST 1713 or HIST 1813 or HIST 1823	Western Civilization after 1500 (H) or Western Civilization to 1500 (H) or History of Asia to 1800 (H) or World History from Ancient Times to 1500 (H) or World History 1500 to Present (H)	3
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		6
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
HIST 3903	Introduction to the Study of History	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
HIST 4903 or HIST 4993	Senior Seminar or Senior Honors Thesis	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Truth and Reconciliation in the Americas (TRRA), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 15

Code	Title	Hours
Required Courses		
AMST 3373	Comparative Truth and Reconciliation in the Americas (D)	3
AMST 4990	Internship	3
Select 9 hours from:		9
AFAM 2423	Black Popular Culture (DH)	
AFAM 3950	Special Topics in Africana Studies	
AFAM 4543	Race Theory	
AMST 2103	Introduction to American Studies (DH)	
AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
or HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
AMST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
or HIST 3303	Nations on the Move: Latin American Migration and Latinx Communities in the US (DH)	
AMST 3333	Crime, Law and American Culture (S)	
AMST 3473	Race, Gender, and Ethnicity in American Film (D)	
AMST 3950	Special Topics in American Studies (DH)	
AMST 4103	The Death Penalty in America (S)	
or SOC 4103	The Death Penalty in America (S)	
AMST 4593	America in International Perspective (H)	
ENGL 3183	Native American Literature (DH)	
ENGL 3193	African-American Literature (DH)	
GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 4453	Black Geographies & Memorialization in the Landscape (DH)	
or AFAM 4453	Black Geographies & Memorialization in the Landscape (DH)	
or AMST 4453	Black Geographies & Memorialization in the Landscape (DH)	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
HIST 3793	Native American History (DH)	
HIST 4153	African American History, 1619-1865 (DH)	
HIST 4163	African American History, 1865-Present (DH)	
PHIL 3623	Philosophy of Race (DH)	
POLS 2313	Social Justice Politics (D)	
POLS 4223	Social Movements	
SOC 3133	Racial and Ethnic Relations (DS)	
Other courses may be approved by the Program Director.		
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Languages and Literatures

The Department of Languages and Literatures offers American Sign Language, French, German, and Spanish as major fields of study. Minors may be earned in American Sign Language, Chinese, French, German, ancient Greek, Japanese, Korean, Latin, Russian, and Spanish, or an Area Studies program.

In all languages offered by the department, elementary courses are available for students with no previous experience. Students with previous foreign language experience are strongly encouraged to take placement tests to find the course best suited for their level of proficiency. A language major is often supported by study of another language or work in other fields.

The study of languages is a vital and humanizing part of a general education and an excellent addition to just about any field of study. In a rapidly changing and shrinking world, it offers new cultural insights, breaks down insularity, fosters discipline of thought and expression, and leads to a better understanding of one's native language and culture. Language majors may expect to find openings in a wide variety of careers in law, medicine, government, industry and commerce. Job opportunities are greatly enhanced for those who combine language study with a dual degree or minor in other disciplines. There is a growing demand for language teachers in secondary education. Bachelor of Arts candidates may qualify for teaching licensure without increasing the number of hours required for graduation.

In addition to the standard courses in language, literature and civilization for individual languages, the department offers courses in literature in English translation for general education, and courses in German and Russian for reading knowledge.

Courses

ASL 1713 American Sign Language I (F)
Description: Introduction to American Sign Language: development of receptive and expressive skills in authentic situations and an introduction to Deaf Culture; fingerspelling, numbers, classifiers, and facial expressions. Not for native speakers per University Academic Regulations 4.9. Previously offered as ASL 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 1813 American Sign Language II (F)
Prerequisites: ASL 1713 or equivalent proficiency.
Description: Continuation of ASL 1713, further development of receptive and expressive skills in authentic situations and study of Deaf Culture. Learners are required to attend functions within the Deaf Community and focus on the different accents within sign language. Not for native speakers per University Academic Regulation 4.9. Previously offered as ASL 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 2713 American Sign Language III (F)
Prerequisites: ASL 1813 or equivalent proficiency.
Description: This course is designed to provide a development of skills in non-verbal communications and increased understanding of the types and uses of classifiers in ASL. Emphasizes the use and understanding of facial expression, gestures, pantomime, and body language. Students will develop further abilities to utilize this component of ASL in their expressive and receptive signing abilities. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 2723 American Deaf Culture (D)
Description: This course provides an analysis of the development and historical overview of Deaf culture in the United States. Topics include education of the D/deaf; Deaf Films, theaters, arts, and clubs; preservation of American Sign Language; technology and services in the Deaf community. The student's acculturation process is facilitated by active participation in the Oklahoma Deaf community. This course will be voiced/taught in English. Same course as LL 2723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures
General Education and other Course Attributes: Diversity

ASL 2813 Intermediate Grammar
Prerequisites: ASL 2713 or equivalent proficiency.
Description: This course delves into the grammatical structures in ASL; work on developing receptive skills for voicing. Continued work on production of ASL that includes pronominalization, classifiers and locatives, distributional, temporal, pluralization, and grammatical structures. Students will view and analyze ASL stories, and be required to go out to the community to gain further understanding of these issues firsthand. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 2823 Cultural Diversity in the Deaf Community
Prerequisites: ASL 2723 or equivalent proficiency.
Description: This course covers ethnic and cultural diversity within the American Deaf community specifically. Deaf people of color. Students explore how biases and stereotypes form, do self-analysis and consider how these factors may impact their work as Deaf interpreters. Students also research a variety of organizations representing Deaf ethnic and cultural groups further developing their individual resources. Also examined are societal attitudes regarding disability in general and hearing loss and communication difficulties in particular.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3113 Cognitive Processing
Prerequisites: ASL 2813 or equivalent proficiency.
Description: This course introduces cognitive processes of communication. Cognitive processing underlies some of the more complex aspects of simultaneous interpreting. Topics to be covered in the course include language and intralingual skills, memory, comprehension, and routinization of complex cognitive linguistic tasks. Students will develop further abilities to utilize this component of ASL in their expressive and receptive signing abilities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3123 Translation
Prerequisites: ASL 3113 or equivalent proficiency.
Description: This course focuses on developing translation skills. Translation skills are critical in delivering message equivalence between languages. Emphasis will be on preparing to translate, interlingual meaning transfer, target language form, framing the cognitive interpreting process, and norms of diverse linguistic populations. The translation skills acquired from this course serve as a foundation for consecutive and simultaneous interpreting.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3500 Interpreting Special Areas
Prerequisites: Consent of instructor.
Description: Instruction and/or tutorial work in American Sign Languages other than those offered in the major program. Offered for variable credit, 1-6 credit hours, maximum of 20 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

ASL 3713 Introduction to Interpreting
Prerequisites: ASL 2813 or equivalent proficiency.
Description: An introduction to the profession of sign language interpreting, which includes an overview of the history of interpreting and interpreting and interpreting organizations, the roles and responsibilities of the interpreter, an overview of various work venues, and a study of skills required to express communication without the spoken word using facial expression, body language, and gestures.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3723 Science, Technology, Engineering, and Math I
Prerequisites: ASL 2813 or equivalent proficiency.
Description: This course is designed to teach vocabulary and concepts about topics within the primary and early secondary educational STEM settings. Students will learn about applicable laws for K-12 interpreting, resources for STEM, Deaf education in K-12, and introduction to the field's standard practice of educational interpreting. The course will have project-based and problem-based learning activities. The course will help prepare students who seek to enter the K-8th public school system as sign language interpreters or Deaf education teachers. This course will be taught in ASL.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3733 Consecutive Interpreting
Prerequisites: ASL 3713
Description: This course focuses on developing consecutive interpreting skills from American Sign Language to spoken English and back. Course topics include fidelity, comprehension, memory, reformation, self-monitoring and repair techniques. The course is built on readings, discussion, practice and self-analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3813 Linguistics of American Sign Language
Prerequisites: ASL 2813 or equivalent proficiency.
Description: Presents authoritative readings on the most current linguistic concepts, including the fundamentals of phonology, morphology, syntax, semantics, and the use of language; stimulate discussion about the ongoing development of ASL linguistic theory; look at groundbreaking research on iconic signs in ASL, variation in ASL, different functions of space in ASL, and the artistic forms of ASL. Previously offered as ASL 3503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 3823 Science, Technology, Engineering, and Math II
Prerequisites: ASL 3723 or equivalent proficiency.
Description: This course is a continuation of STEM I and is designed to teach vocabulary and concepts about topics within secondary and post-secondary educational STEM settings. The course will involve participation in problem and project-based learning activities. Students will continue to learn applicable laws, resources to match both target educational levels, and the profession's standard practice for both settings. The course will help prepare students to enter the secondary and post-secondary school system as sign language interpreters or Deaf education teachers. This course will be taught in ASL.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 4003 Practicum I
Prerequisites: ASL 3773 and Instructor Permission.
Description: This course provides essential skills, knowledge, and preparation for the practical internship experience (ASL 4750: Practicum II).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 4550 Seminar in ASL
Prerequisites: Consent of instructor.
Description: Readings and discussion of vital subjects in American Sign Language. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

ASL 4713 American Sign Language Literature
Prerequisites: ASL 2813 or equivalent proficiency.
Description: Focus on ASL literature and narrations. Use of authentic stories from deaf presenters. Creation of poems and narrative stories that follow ASL structure and grammatical rules based on stories and history gleaned of the community of the Deaf World.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 4723 Simultaneous Interpreting
Prerequisites: ASL 3713
Description: This course is a continuation of consecutive interpreting and focuses on English and ASL simultaneous interpreting skills. Course topics include identifying sources of error, comprehension, transfer, reformulation, and self-monitoring. Students will also further develop their linguistic competencies of ASL and English.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 4750 Practicum II
Prerequisites: ASL 4003 and Instructor Permission.
Description: Students will complete a part-time (or full-time) practicum interpreting experience under the direct supervision of a mentor in an educational, public, or private setting. Students will coordinate interpreting services, participate in professional development activities, observe interpreted events, and interpret. This course does not require on-site class meetings. The internship is completed at the site(s) agreed upon by the student, internship mentor, and the course faculty member.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

ASL 4813 Ethics for Interpreters
Prerequisites: ASL 3713
Description: Understand the purpose and obligations of an interpreter; how this role will affect the interpreter as well as others, since all actions have consequences. Look at stakeholders and short-term and long-term effects of decisions made and be able to support those decisions with ethical standards. Preparation to take the State of Oklahoma Quality Assurance Screening Test (QAST) by the end of the course. Previously offered as ASL 3603.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

ASL 4833 Interactive Interpreting
Prerequisites: ASL 3713
Description: This course explores how sign language interpreters work in an interactive discourse setting. The focus of the course will be on the dialogic nature of interpreting, the role of the interpreter through discourse, the impact of the presence of an interpreter, and the range of settings that require interactive skills.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 1713 Elementary Chinese I (F)
Description: Basic introduction to spoken Mandarin Chinese and Chinese characters. Training in pronunciation, conversation, grammar and reading. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 1813 Elementary Chinese II (F)
Prerequisites: CHIN 1713 or equivalent proficiency.
Description: Continuation of CHIN 1713. Mastery of the basic grammatical patterns and conversational principles, and increasing repertory of Chinese characters. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 2713 Intermediate Chinese I (F)
Prerequisites: CHIN 1813 or equivalent proficiency.
Description: A continuation of CHIN 1813. Emphasis on fluency in spoken Mandarin Chinese, structures of greater complexity, a greater repertory of characters and vocabulary items, and reading ability. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 2115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 2813 Intermediate Chinese II
Prerequisites: CHIN 2713 or equivalent proficiency.
Description: Continuation of CHIN 2713. Not for native speakers per University Academic Regulation 4.9. Previously offered as CHIN 2225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 3343 Business Chinese
Prerequisites: CHIN 2813 or equivalent proficiency.
Description: This course is designed to help students build upon their fundamental Chinese language communication skills by using professional and formal business tools such as letters, reports, news, and oral presentations in structured business environments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 4713 Advanced Readings in Chinese
Prerequisites: CHIN 2813 or equivalent proficiency.
Description: Development of student competence in reading a wide variety of materials by contemporary Chinese writers. Previously offered as CHIN 3133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

CHIN 4813 Advanced Chinese Conversation
Prerequisites: CHIN 2813 or equivalent proficiency.
Description: Development of general oral and aural proficiency. Previously offered as CHIN 3013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 1713 Elementary French I (F)
Description: Main elements of grammar and pronunciation, with work on the four basic skills of listening comprehension, speaking, reading and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 1813 Elementary French II (F)
Prerequisites: FREN 1713 or equivalent proficiency.
Description: Continuation of FREN 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 2713 Intermediate French (FG)
Prerequisites: FREN 1813 or equivalent proficiency.
Description: Further development of speaking, listening, reading, and writing skills along with short cultural and literary readings. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2112.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures
General Education and other Course Attributes: International Dimension

FREN 2723 Intermediate Grammar and Composition I
Prerequisites: FREN 1813 or equivalent proficiency.
Description: Review and further presentation of grammar and pronunciation; consolidation of basic skills, with additional emphasis on writing. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 2813 Intermediate Reading and Conversation
Prerequisites: FREN 2713 or equivalent proficiency.
Description: Reading and discussion of more advanced French texts, mostly literary. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as FREN 2232.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 2823 Intermediate Grammar and Composition
Prerequisites: FREN 2713 or equivalent proficiency.
Description: Review and further presentation of grammar and pronunciation; consolidation of basic skills, with additional emphasis on writing. May be taken concurrently with other 2000-level French courses. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 3073 French Conversation
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Colloquial speech, with discussion of French newspapers and magazines. Practice in brief public address in French.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 3203 Advanced Written Expression
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Practice in composition and stylistics, designed to bring students up to a high level of proficiency in writing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 3213 Advanced Grammar
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Conceptual framework and presentation of the finer points of French grammar.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 3343 Business French
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Applied French for students in commercial and technical fields. Overview and strategies of business and economic climate in France.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 3463 Advanced Diction and Phonetics
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Required course for teacher certification. French speech sounds and intonation patterns, with practice to improve the student's pronunciation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 3853 Introduction to Analysis of French Literature
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Close reading of shorter texts in a variety of literary genres, with presentation of French versification and literary terminology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 4153 Survey of French Literature I
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Historical survey of French literature before 1800, with reading of representative texts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 4173 Survey of French Literature II
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Historical survey of French literature since 1800, with reading of representative texts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 4333 Background of Modern French Civilization
Prerequisites: 18 hours of French or equivalent proficiency.
Description: General overview of French history, geography, and culture, with emphasis on art, music, and intellectual movements. Capstone course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 4550 Directed Studies in French
Prerequisites: 18 credit hours of French or equivalent proficiency.
Description: Individual or group study of French language or literature. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

FREN 4573 Modern French Theater
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Analysis of French plays from the 19th and 20th centuries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 4583 French Cinema
Prerequisites: 18 hours of French or equivalent proficiency.
Description: Introduction to cinematic analysis through a survey of French movie classics from the 1890s to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

FREN 5110 Advanced Studies in French
Prerequisites: 15 credit hours of upper-division French.
Description: Discussion or research in specialized topics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Languages and Literatures

GREK 1713 Elementary Classical Greek I (F)
Description: Grammar and vocabulary of ancient Greek. Previously offered as GREK 1113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GREK 1813 Elementary Classical Greek II (F)
Prerequisites: GREK 1713 or equivalent proficiency.
Description: A continuation of GREK 1713. Grammar and readings of classical Greek authors. Previously offered as GREK 1223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GREK 2713 Elementary Classical Greek III (F)
Prerequisites: GREK 1813 or equivalent proficiency.
Description: A continuation of GREK 1813. Grammar and readings of classical Greek authors. Previously offered as GREK 2113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GREK 2813 Intermediate Readings
Prerequisites: GREK 2713 or equivalent proficiency.
Description: An introduction to a variety of classical authors to increase reading facility and grammatical comprehension. Previously offered as GREK 2213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GREK 3330 Advanced Readings
Prerequisites: GREK 2813 or equivalent proficiency.
Description: Prose authors, epic poetry, drama, Koine Greek and religious texts. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

GRMN 1713 Elementary German I (F)
Description: Main elements of grammar and pronunciation, with work on the four basic skills of listening comprehension, speaking, reading and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 1813 Elementary German II (F)
Prerequisites: GRMN 1713 or equivalent proficiency.
Description: Continuation of GRMN 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 2713 Intermediate German (FG)
Prerequisites: GRMN 1813 or equivalent proficiency.
Description: Continuation of GRMN 1813. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2112.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures
General Education and other Course Attributes: International Dimension

GRMN 2723 Intermediate German Skills I
Prerequisites: GRMN 1813 or equivalent proficiency.
Description: Review and expansion of German listening comprehension, speaking, reading, and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2113. Can be taken concurrently with GRMN 2713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 2813 Reading and Conversation II
Prerequisites: GRMN 1813 or equivalent proficiency.
Description: Reading/viewing and analysis of prose, drama and poetry, and film for building literary and cultural appreciation. May be taken concurrently with other 2000-level German courses. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 2823 Intermediate German Skills II (G)
Prerequisites: GRMN 2713 or equivalent proficiency.
Description: Listening comprehension, speaking, reading, and writing. Not for native speakers per University Academic Regulation 4.9. Previously offered as GRMN 2222.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures
General Education and other Course Attributes: International Dimension

GRMN 2890 Honors Experience in German
Prerequisites: Honors Program participation and concurrent enrollment in a designated German course.
Description: A supplemental Honors experience in German to partner concurrently with designated German courses. This course adds a different intellectual dimension to the designated courses. Offered for fixed credit, 1 credit hour.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures
General Education and other Course Attributes: Honors Credit

GRMN 3013 German for Reading Requirements I
Description: Reading in the humanities and the sciences. Translation from German to English.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3023 German for Reading Requirements II
Prerequisites: GRMN 3013 or equivalent.
Description: Intermediate and advanced reading in the humanities and sciences. Translation from German to English.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3343 Business German
Prerequisites: 12 hours of German or equivalent proficiency.
Description: Business concepts, practices and the expectations of professional life in Germany. Focus on specialized vocabulary and business correspondence.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3463 Advanced Diction and Phonetics
Prerequisites: 12 credit hours of German or equivalent proficiency.
Description: German speech sounds and intonation patterns. Practice to improve the student's pronunciation. Required course for teacher certification.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3501 Orientation to Internship Abroad
Prerequisites: 15 hours of German or equivalent proficiency.
Description: Preparation for residential internship in a German speaking country. Culture, civilization, and contemporary conditions, and communication for students accepted for international cooperative education program. Previously offered as GRMN 3902.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3502 Internship Abroad
Prerequisites: 15 hours of German or equivalent proficiency.
Description: Practical studies in a German-speaking country. Supervised research papers and reports and oral testing during and following the practicum. Previously offered as GRMN 3903.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3803 Advanced Conversation Skills
Prerequisites: 12 hours of German or equivalent proficiency.
Description: Colloquial speech forms and sentence structure. Practice in brief public address in German.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 3813 Advanced Writing Skills
Prerequisites: 12 hours of German or equivalent proficiency.
Description: Practice in original composition in German. Problematic points of German grammar and stylistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4153 Survey of German Literature I
Prerequisites: 15 hours of German or equivalent proficiency.
Description: German literature from the beginning to 1785.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4163 Survey of German Literature II
Prerequisites: 15 hours of German or equivalent proficiency.
Description: German literature from 1785 to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4333 Backgrounds of Modern German Civilization
Prerequisites: 15 hours of German or equivalent proficiency.
Description: Historical, cultural, political and literary trends in the formation of German civilization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4343 Modern Germany
Prerequisites: 15 hours of German or equivalent proficiency.
Description: The major cultural, social and political forces that have shaped the Germany of today. Previously offered as GRMN 3333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4513 The Age of Goethe
Prerequisites: 15 hours of German or equivalent proficiency.
Description: Principal figures of German Classicism and Romanticism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4523 19th Century German Literature and Culture
Prerequisites: 15 hours of German or equivalent proficiency.
Description: Major works and figures in 19th-century literature, art, history, and culture in the German-speaking lands.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4533 20th Century German Literature and Culture
Prerequisites: 15 credit hours of German or equivalent proficiency.
Description: Major works and figures in 20th-century literature, art, history, and culture in the German-speaking lands.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4543 Contemporary German Literature and Culture
Prerequisites: 15 hours of German or equivalent proficiency.
Description: Major works and figures in contemporary literature, art, history, and culture in the German-speaking lands.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

GRMN 4550 Special Topics in German
Prerequisites: 18 credit hours of German or equivalent proficiency.
Description: Reading and discussion of vital subjects in German. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

GRMN 4650 Topics in German
Prerequisites: One 3000-level German course, or equivalent.
Description: In-depth study of a specific aspect of German literature, culture or language.
Credit hours: 1-9
Contact hours: Lecture: 1-9 Contact: 1-9
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

JAPN 1713 Elementary Japanese I (F)
Description: Pronunciation, conversation, grammar and reading. Not for native speakers per University Academic Regulation 4.9. Previously offered as JAPN 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

JAPN 1813 Elementary Japanese II (F)
Prerequisites: JAPN 1713 or equivalent proficiency.
Description: Reading, the writing system, culture, grammar, conversation. Not for native speakers per University Academic Regulation 4.9. Previously offered as JAPN 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

JAPN 2713 Intermediate Japanese I (F)
Prerequisites: JAPN 1813 or equivalent proficiency.
Description: Reading, the writing system, culture, grammar, conversation. A continuation of JAPN 1813. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

JAPN 2813 Intermediate Japanese II
Prerequisites: JAPN 2713 or equivalent proficiency.
Description: Oral and written practice of modem Japanese. A continuation of JAPN 2713. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

JAPN 3723 Advanced Readings in Japanese
Prerequisites: JAPN 2813 or equivalent proficiency.
Description: Designed to increase facility and naturalness of delivery in dialogue. Development of general oral and aural proficiency. Previously offered as JAPN 3133 and JAPN 4713. Same course as JAPN 4713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

JAPN 3823 Advanced Japanese II
Prerequisites: JAPN 3723.
Description: Designed to increase facility and naturalness of delivery in dialogue. Development of general oral and aural proficiency. Previously offered as JAPN 3013 and JAPN 4813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

KRN 1713 Elementary Korean I (F)
Description: Pronunciation, conversation, grammar, and reading. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

KRN 1813 Elementary Korean II (F)
Prerequisites: KRN 1713 or equivalent proficiency.
Description: Reading, the writing system, culture, grammar, conversation. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

KRN 2713 Intermediate Korean I (F)
Prerequisites: KRN 1813 or equivalent proficiency.
Description: Reading, the writing system, culture, grammar, conversation. A continuation or KRN 1813. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

KRN 2813 Intermediate Korean II
Prerequisites: KRN 2713 or equivalent proficiency.
Description: Oral and written practice of modern Korean. A continuation of KRN 2713. Not for native speakers per University Academic Regulation 4.9.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

KRN 3723 Advanced Korean Grammar and Conversation I
Prerequisites: KRN 2813 or Equivalent Proficiency.
Description: This course aims to enable students to communicate effectively in the Korean language in a variety of contexts and situations. They will be able to participate in both informal and formal conversations relating to topics, such as living in Korea, Korean food, Korean culture and famous Korean figures. In addition, they will improve their interpersonal, interpretive, and presentational communication skills and gain a better understanding of a wide range of Korean culture throughout the course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

KRN 3823 Advanced Korean Grammar and Conversation II
Prerequisites: KRN 3713 or Equivalent Proficiency.
Description: This course aims to enable students to communicate effectively in the Korean language in a variety of contexts and situations. The class sessions are conducted mostly in Korean. In this course, students will further develop their communication skills in the four language domains (speaking, listening, reading, and writing) as well as a deeper understanding of Korean culture and society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

LATN 1713 Elementary Latin I (F)
Description: The rudiments of beginning Latin: grammar, vocabulary and elementary readings. Previously offered as LATN 1113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

LATN 1813 Elementary Latin II (F)
Prerequisites: LATN 1713 or equivalent proficiency.
Description: Continuation of LATN 1713. Grammar, vocabulary and readings. Previously offered as LATN 1223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

LATN 2713 Elementary Latin III (F)
Prerequisites: LATN 1813 or equivalent proficiency.
Description: A continuation of LATN 1813. Grammar and readings of Latin authors. Previously offered as LATN 2113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

LATN 2813 Intermediate Readings
Prerequisites: LATN 2713 or equivalent proficiency.
Description: Readings from Virgil's Aeneid. Previously offered as LATN 2213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

LATN 3330 Advanced Readings in Latin
Prerequisites: LATN 2813 or equivalent proficiency.
Description: Prose authors, poetry, and medieval Latin. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

RUSS 1713 Elementary Russian I (F)
Description: Understanding, speaking, reading, and writing. Method of instruction is audio-lingual. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 1813 Elementary Russian II (F)
Prerequisites: RUSS 1713 or equivalent proficiency.
Description: Continuation of RUSS 1713. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 2713 Intermediate Russian I (F)
Prerequisites: RUSS 1813 or equivalent proficiency.
Description: Russian grammar, composition and conversation. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 2115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 2813 Intermediate Russian II
Prerequisites: RUSS 2713 or equivalent proficiency.
Description: Continuation of RUSS 2713. Not for native speakers per University Academic Regulation 4.9. Previously offered as RUSS 2225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 3113 Russian Conversation
Prerequisites: RUSS 2813 or equivalent proficiency.
Description: Development of conversational skills in formal and informal Russian language; study of oral communication and idioms; vocabulary enhancement.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 3223 Russian Composition
Prerequisites: RUSS 2813 or equivalent proficiency.
Description: The development of all forms of written communication in Russian through practice in writing compositions, letters, reports, and other documents in Russian.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 4013 Survey of Russian Literature I
Prerequisites: 20 hours of Russian or equivalent proficiency.
Description: Survey of Russian literature from its beginning to late nineteenth century with readings in Russian of representative texts. Course conducted in Russian.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 4023 Survey of Russian Literature II
Prerequisites: 20 hours of Russian or equivalent proficiency.
Description: Survey of Russian literature from late nineteenth century to post-Soviet era with readings in Russian of representative texts. Course conducted in Russian.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 4123 Russian Literature in Translation II
Description: Russian and Soviet literature from mid-19th century to present: Tolstoy, Chekhov, Gorky, Zamiatin, Sholokhov, Pasternak, Bunin, Solzhenitsyn, Arzhak (Daniel), Tertz (Sinyavsky), Voznesensky, and Evtushenko. Readings in English. Classes conducted in English.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

RUSS 4223 Russian Reading Skills
Prerequisites: 20 hours of Russian or equivalent proficiency.
Description: Acquisition of skills in vocabulary enrichment, stylistic analysis and advanced proficiency in reading various styles of contemporary written Russian (newspaper, political, business).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 1713 Elementary Spanish I (F)
Description: Pronunciation, conversation, grammar, and reading. Includes language lab work. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 1115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 1813 Elementary Spanish II (F)
Prerequisites: SPAN 1713 or equivalent proficiency.
Description: Continuation of SPAN 1713. Includes language lab work. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 1225.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 1821 Medical Spanish
Prerequisites: Previously completed or concurrently enrolled in SPAN 1813
Description: This course is specifically geared to students who are taking Elementary Spanish II (SPAN 1813), and that want to pursue a career in the health professions. This means that you need to be enrolled in SPAN 1813 and Spanish for Health Care Professionals the same semester or have taken SPAN 1813 already. You will learn vocabulary, dialogs, and structure to help greet patients, take vital signs, interview to find out the chief complaint, review medical history, give a physical exam, and recommend prescriptions or follow-up instructions.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 2713 Intermediate Spanish (F)
Prerequisites: SPAN 1813 or equivalent proficiency.
Description: Further development of speaking, listening, reading, and writing skills along with short cultural and literary readings. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2115.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 2723 Intermediate Hispanic Culture and Media
Prerequisites: SPAN 1813 or equivalent proficiency.
Description: Further development of language skills within Hispanic cultural contexts. May be taken concurrently with 2713 or subsequently (but not before).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 2813 Intermediate Reading and Conversation
Prerequisites: SPAN 2713 and SPAN 2723 or equivalent proficiency.
Description: Skill consolidation with emphasis on short literary readings and conversation. May be taken concurrently with SPAN 2823. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2232.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 2823 Intermediate Composition and Grammar
Prerequisites: SPAN 2713 and SPAN 2723 or equivalent proficiency.
Description: Skill consolidation with emphasis on composition and grammar with some conversation. May be taken concurrently with SPAN 2813. Not for native speakers per University Academic Regulation 4.9. Previously offered as SPAN 2233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3053 Introduction to Literatures and Cultures in Spanish
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Introduction to techniques of literary analysis and research in Spanish and to Hispanic literary history. Prerequisite for all advanced literature courses in Spanish.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3163 Literature of Medieval and Early Modern Spain
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Development of literature in Spain from the medieval period to 1700. Previously offered as SPAN 3023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3173 Literature of Spain from 1700 to the Present
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Development of literature in Spain from 1700 to the present. Previously offered as SPAN 3033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3183 Early Latin American Literature
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Survey of Latin America literature in Spanish from the pre-Columbian era to the turn of the 20th century, including letters, chronicles, essays, poetry, drama, and narrative. Previously offered as SPAN 3013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3193 Modern and Contemporary Latin American Literature
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Survey of 20th and 21st century Latin American literature in Spanish, including narrative, poetry, drama, and essays.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3203 Advanced Conversation
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Practice in conversation skills, designed to bring students to a high level of proficiency in speaking and listening. Class conducted in Spanish.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3213 Advanced Grammar and Composition
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Study of advanced grammar and stylistics with emphasis on composition skills, designed to bring students to a high level of proficiency in writing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3343 Business Spanish
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: Development of spoken and written Spanish for use in business and professional contexts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3363 Spanish for Healthcare Professionals
Prerequisites: 18 credits of lower-division Spanish or equivalent proficiency.
Description: This course is designed for healthcare professionals. You will learn vocabulary, dialogs, and structure to help greet patients, take vital signs, interview for symptoms, review medical history, give a physical exam, and recommend prescriptions or follow-up instructions. Although by no means comprehensive, the course will provide a starting point for communicating with Spanish-speaking patients. Cultural notes will be provided to assist in making patients more comfortable.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3403 Introduction to Hispanic Linguistics
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: This course provides an introduction to the scientific study of language and its structure and includes introductions to the fields of pragmatics, phonology, sociolinguistics, historical linguistics, and applied linguistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 3463 Spanish Phonetics and Phonology
Prerequisites: 18 hours of Spanish or equivalent proficiency.
Description: In this course students will examine the phonetic and phonological systems of Spanish as well as the extensive diatectal and sociolinguistic variation of these sounds in the Spanish-speaking world and among learners of Spanish.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4123 Hispanic Poetry
Prerequisites: One 3000 level Spanish literature course.
Description: Detailed study of representative poetry from Spain or Latin America.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4133 Hispanic Prose
Prerequisites: One 3000 level Spanish literature course.
Description: Detailed study of representative prose works from Spain or Latin America.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4143 Short Novels in Hispanic Literature
Prerequisites: One 3000-level Spanish literature course.
Description: Reading and analysis of classics selected from the Hispanic literatures written in Spanish. Examine the different literary movements, social and historical courses that influenced the novels, as well as the theoretical models about them. Because of the close connection to Cinema and Theater, the readings will be compared to their cinematic adaptations and to other artistic genres.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4163 Don Quijote
Prerequisites: One 3000 level Spanish literature course.
Description: Seminar devoted to Cervantes' novel.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4173 Hispanic Drama
Prerequisites: One 3000 level Spanish literature course.
Description: Reading and interpretation of dramatic works selected from the Hispanic literatures.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4183 Spain and Islam
Prerequisites: One 3000 level Spanish literature course.
Description: An in depth study of conflict and coexistence among Christian and Islamic cultures in Spain from the eighth century to the present day. The course includes both literary and historical readings.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4193 Hispanic Film
Prerequisites: One 3000 level Spanish literature course.
Description: Study of Spanish and/or Latin American films from cultural, historical, and artistic perspectives.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4203 Hispanic Music
Prerequisites: One 3000-level Spanish literature course.
Description: Critically interpret songs (their music and lyrics), identify the periods during which they were produced and their style, and related them to each other. Recognize and analyze the main cultural movements, historical events, and figures that shaped the development of Hispanic Music as it is represented in music production.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4213 Short Stories in Hispanic Literature
Prerequisites: One 3000-level Spanish literature course.
Description: Reading and analysis of classics selected from the Hispanic literatures written in Spanish. Examine the different literary movements, social and historical causes that influenced the Short Stories, as well as the theoretical models about them. Critically analyze texts, identify their periods and style, and relate them to each other. Recognize and analyze the chief literary movements, historical events, and figures that shaped the development of the stories.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4223 Contemporary Hispanic Literature
Prerequisites: One 3000 level Spanish literature course.
Description: Major Hispanic writers since 1900.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4253 Masterpieces of Hispanic Literature I
Prerequisites: One 3000 level Spanish literature course.
Description: Reading and analysis of classics selected from the Hispanic literatures.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4263 Masterpieces of Hispanic Literature II
Prerequisites: One 3000 level Spanish literature course.
Description: Reading and analysis of classics selected from the Hispanic literatures.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4323 Culture and Civilization of Spain
Prerequisites: One 3000 level Spanish course.
Description: Reading and discussion of selected texts outlining the development of the culture and civilization of Spain. Previously offered as SPAN 3333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4333 Culture and Civilization of Latin America
Prerequisites: One 3000 level Spanish course.
Description: Reading and discussion of selected texts outlining the development of contemporary Hispanic civilization of the Americas.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4413 Advanced Stylistics
Prerequisites: SPAN 3213.
Description: Continuation of SPAN 3213, emphasizing further development of grammar and composition in a variety of contexts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4443 History of the Spanish Language
Prerequisites: One 3000-level Spanish course.
Description: This course provides an introduction to the origins and linguistic development of the Spanish language from its Latin roots to Modern Spanish.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4453 Voices of US Spanish: Identity and Variation
Prerequisites: One 3000 level Spanish course.
Description: This course provides an in-depth exploration of the Spanish language as it is spoken and used in the United States, drawing on sociolinguistic, cultural, and historical perspectives. Students will examine the dynamic nature of Spanish in various U.S. communities, with special attention to the unique sociolinguistic landscape of Spanish in Oklahoma. The course will cover topics such as language contact, bilingualism, code-switching, language maintenance, and the role of Spanish in shaping Latino identities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Foreign Lang & Lit

SPAN 4463 Sociolinguistics of the Spanish-Speaking World
Prerequisites: One 3000-level Spanish course.
Description: In this course students will investigate the variation of the Hispanic language as well as the linguistic features of Spanish as a result of Spanish in contact with other languages. Phonetic/phonologic, morphologic, syntactic, and lexical features of Spanish will be examined in relation to broader geographical, social, political, cultural, and historical contexts of the Spanish-speaking world.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 4550 Seminar in Spanish
Prerequisites: One 3000-level Spanish course, or equivalent.
Description: Readings and discussion of vital subjects in Spanish. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Languages and Literatures

SPAN 4650 Topics in Spanish
Prerequisites: One 3000-level Spanish course, or equivalent.
Description: In depth study of a specific aspect of Hispanic literature, culture or language. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Lecture: 1-9 Contact: 1-9
Levels: Undergraduate
Schedule types: Lecture
Department/School: Languages and Literatures

SPAN 5110 Advanced Hispanic Studies
Prerequisites: 22 hours of Spanish or graduate standing in foreign language.
Description: Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Languages and Literatures

Undergraduate Programs

- American Sign Language Studies, BA (p. 1514)
- American Sign Language Studies: ASL - English Interpreting, BA (p. 1517)
- French, BA (p. 1522)
- French: Business Essentials, BA (p. 1525)
- French: Pre-Law, BA (p. 1528)
- German, BA (p. 1532)
- German: Business Essentials, BA (p. 1535)
- German: Pre-Law, BA (p. 1538)
- Spanish, BA (p. 1549)
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Minors

- American Sign Language (ASL), Minor (p. 1513)
- Chinese (CHIN), Minor (p. 1520)
- French (FREN), Minor (p. 1521)
- German (GRMN), Minor (p. 1531)
- Greek (GREK), Minor (p. 1541)
- Japanese (JPN), Minor (p. 1542)
- Korean (KRN), Minor (p. 1543)
- Latin (LATN), Minor (p. 1544)
- Professional Chinese (PRCH), Minor (p. 1545)
- Russian (RUSS), Minor (p. 1547)
- Spanish (SPAN), Minor (p. 1548)

Certificates

- American Sign Language, UCRT (p. 1519)
- Professional Spanish, UCRT (p. 1546)

Faculty

Erik Ekman, PhD—Professor and Head
Professors: Isabel Alvarez-Sancho, PhD; Eric Turcat, PhD; Christopher Weimer, PhD
Associate Professor: Jonathan Ellis, PhD
Assistant Professors: Kimberly Hale, EdD; Carol Ready, PhD; Juan Carlos Rozo, PhD; Giovanni Salazar-Calvo, PhD; Carolina Sitya Nin, PhD; Rebecca Stewart-Gray, PhD; Taylor Woodall-Greene, PhD
Teaching Professors: Rachael Cullick, PhD; Jonathan Z. Ludwig, PhD
Teaching Assistant Professors: Matthew O'Neill, PhD; Donald Wood, PhD
Teaching Instructor: Cheng Chen, MA

American Sign Language (ASL), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
ASL 1713	American Sign Language I (F)	3
ASL 1813	American Sign Language II (F)	3
ASL 2713	American Sign Language III (F)	3
ASL 2723	American Deaf Culture	3
ASL 2813	Intermediate Grammar	3
Upper-Level Requirements		
Select six hours from the following:		6
ASL 3500	Interpreting Special Areas	
ASL 3713	Introduction to Interpreting	
ASL 3723	Science, Technology, Engineering, and Math I	
ASL 3813	Linguistics of American Sign Language	
ASL 3823	Science, Technology, Engineering, and Math II	
ASL 4550	Seminar in ASL	
ASL 4713	American Sign Language Literature	
ASL 4813	Ethics for Interpreters	
Total Hours		**21**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

American Sign Language Studies, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		*9*
See note 2.a.		
Natural & Mathematical Sciences		*3*
See note 2.b.		
Foreign Language		
ASL 1713	American Sign Language I (F)	3
ASL 1813	American Sign Language II (F)	3
ASL 2713	American Sign Language III (F)	3
Non-Western Studies		
Select at least one course. See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division ASL courses with minimum grade of "C" in each course.		
ASL 2723	American Deaf Culture	3
ASL 2813	Intermediate Grammar	3
ASL 2823	Cultural Diversity in the Deaf Community	3
ASL 3113	Cognitive Processing	3
ASL 3123	Translation	3
ASL 3713	Introduction to Interpreting	3
ASL 3723	Science, Technology, Engineering, and Math I	3
ASL 3813	Linguistics of American Sign Language	3
ASL 3823	Science, Technology, Engineering, and Math II	3
ASL 4713	American Sign Language Literature	3
ASL 4813	Ethics for Interpreters	3
Select 10 upper-division hours to reach 43 hours.		10
Hours Subtotal		**43**
Electives		
Select 15 hours.		15
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours.		
Hours Subtotal		**15**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**

a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ASL 1713	American Sign Language I (F)	3
General Education courses		11
	Hours	**14**
Spring		
ASL 1813	American Sign Language II (F)	3
ASL 2723	American Deaf Culture (D)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
ASL 2713	American Sign Language III (F)	3
ASL 2823	Cultural Diversity in the Deaf Community	3
ASL 3713	Introduction to Interpreting	3
General Education courses		6
	Hours	**15**
Spring		
ASL 2813	Intermediate Grammar	3
ASL 3113	Cognitive Processing	3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
ASL 3123	Translation	3
ASL 3723	Science, Technology, Engineering, and Math I	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
ASL 3813	Linguistics of American Sign Language	3
ASL 3823	Science, Technology, Engineering, and Math II	3
ASL 4813	Ethics for Interpreters (or the following Spring)	3
Major, College, and Elective courses		6
	Hours	**15**

Senior		
Fall		
ASL 4713	American Sign Language Literature	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
ASL 4813 (if not previous Spring)		
	Hours	**15**
	Total Hours	**120**

American Sign Language Studies: ASL - English Interpreting, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT designated (A)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory Science (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		*9*
See note 2.a.		
Natural & Mathematical Sciences		*3*
See note 2.b.		
Foreign Language		
ASL 1713	American Sign Language I (F)	3
ASL 1813	American Sign Language II (F)	3
ASL 2713	American Sign Language III (F)	3
Non-Western Studies		
Select at least one course. See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division ASL courses with minimum grade of "C" in each course.		
ASL 2723	American Deaf Culture	3
ASL 2813	Intermediate Grammar	3
ASL 2823	Cultural Diversity in the Deaf Community	3
ASL 3113	Cognitive Processing	3
ASL 3123	Translation	3
ASL 3713	Introduction to Interpreting	3
ASL 3723	Science, Technology, Engineering, and Math I	3
ASL 3733	Consecutive Interpreting	3
ASL 3813	Linguistics of American Sign Language	3
ASL 3823	Science, Technology, Engineering, and Math II	3
ASL 4003	Practicum I	3
ASL 4713	American Sign Language Literature	3
ASL 4723	Simultaneous Interpreting	3
ASL 4750	Practicum II	6
ASL 4813	Ethics for Interpreters	3
ASL 4833	Interactive Interpreting	3
Hours Subtotal		**51**
Electives		
Select 7 hours.		7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 3 additional upper-division hours.		
Hours Subtotal		**7**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ASL 1713	American Sign Language I (F)	3
General Education courses		11
	Hours	**14**
Spring		
ASL 1813	American Sign Language II (F)	3
ASL 2723	American Deaf Culture (D)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
ASL 2713	American Sign Language III (F)	3
ASL 2823	Cultural Diversity in the Deaf Community	3
ASL 3713	Introduction to Interpreting	3
General Education courses		6
	Hours	**15**
Spring		
ASL 2813	Intermediate Grammar	3
ASL 3113	Cognitive Processing	3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
ASL 3123	Translation	3
ASL 3723	Science, Technology, Engineering, and Math I	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
ASL 3733	Consecutive Interpreting	3
ASL 3813	Linguistics of American Sign Language	3
ASL 3823	Science, Technology, Engineering, and Math II	3
ASL 4813	Ethics for Interpreters	3
Major, College, and Elective courses		3
	Hours	**15**
Senior		
Fall		
ASL 4003	Practicum I	3
ASL 4713	American Sign Language Literature	3
ASL 4723	Simultaneous Interpreting	3
ASL 4833	Interactive Interpreting	3
Major, College, and Elective courses		3
	Hours	**15**
Spring		
ASL 4750	Practicum II (6-12)	6
Major, College, and Elective courses		9
Recommended complete all on-campus university, college, and program requirements prior to internship.		
	Hours	**15**
	Total Hours	**120**

American Sign Language, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 21

Code	Title	Hours
Language Sequence Requirements		
ASL 1713	American Sign Language I (F)	3
ASL 1813	American Sign Language II (F)	3
ASL 2713	American Sign Language III (F)	3
ASL 2813	Intermediate Grammar	3
Select 9 hours from the following:		9
ASL 2723	American Deaf Culture	
ASL 2823	Cultural Diversity in the Deaf Community	
ASL 3713	Introduction to Interpreting	
ASL 3723	Science, Technology, Engineering, and Math I	
ASL 3813	Linguistics of American Sign Language	
ASL 3823	Science, Technology, Engineering, and Math II	
ASL 4550	Seminar in ASL	
ASL 4713	American Sign Language Literature	
Total Hours		**21**

- Minimum GPA 2.50 in upper-division ASL courses with a minimum grade of “C” in each course

Chinese (CHIN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
CHIN 1713	Elementary Chinese I	3
CHIN 1813	Elementary Chinese II	3
CHIN 2713	Intermediate Chinese I	3
CHIN 2813	Intermediate Chinese II	3
Upper-Level Requirements		
CHIN 4713	Advanced Readings in Chinese	3
CHIN 4813	Advanced Chinese Conversation	3
Total Hours		**18**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

French (FREN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
FREN 1713	Elementary French I	3
FREN 1813	Elementary French II	3
FREN 2713	Intermediate French (I)	3
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
Upper-Level Requirements		
Select six hours from the following:		6
FREN 3073	French Conversation	
FREN 3203	Advanced Written Expression	
FREN 3213	Advanced Grammar	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I	
FREN 4173	Survey of French Literature II	
FREN 4333	Background of Modern French Civilization	
FREN 4550	Directed Studies in French	
FREN 4573	Modern French Theater	
FREN 4583	French Cinema	
Total Hours		**21**

Additional Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

French, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
FREN 1713	Elementary French I (F)	3
FREN 1813	Elementary French II (F)	3
FREN 2713	Intermediate French (FG)	3
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course		
Select these courses (or equivalent proficiency):		
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
FREN 3213	Advanced Grammar	3
FREN 4333	Background of Modern French Civilization	3
Select 18 hours or more of the following French courses. At least six hours must be literature courses: [1]		18
FREN 3073	French Conversation	
FREN 3203	Advanced Written Expression	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I [1]	
FREN 4173	Survey of French Literature II [1]	
FREN 4550	Directed Studies in French (1-9 hours)	
FREN 4573	Modern French Theater [1]	
FREN 4583	French Cinema	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
Select 10 upper-division hours to reach 40 hours.		10
Hours Subtotal		**40**
Electives		
Select 18 hours		18
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
Hours Subtotal		**18**
Total Hours		**120**

[1] At least 6 hours must be from literature courses marked with a [1].

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
FREN 1713	Elementary French I (F)	3
General Education courses		11
	Hours	**14**
Spring		
FREN 1813	Elementary French II (F)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
FREN 2713	Intermediate French (FG)	3
(FREN 2723 is no longer required)		
General Education courses		12
	Hours	**15**
Spring		
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
General Education courses and electives		9
	Hours	**15**

Junior		
Fall		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
6 hrs Advanced French as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
6 hrs Advanced French as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
6 hrs Advanced French as offered		6
College and Elective courses		9
	Hours	**15**
	Total Hours	**120**

French: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, excluding MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
FREN 1713	Elementary French I (F)	3
FREN 1813	Elementary French II (F)	3
FREN 2713	Intermediate French (FG)	3
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course.		
Select these courses (or equivalent proficiency):		
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
FREN 3213	Advanced Grammar	3
FREN 3343	Business French	3
FREN 4333	Background of Modern French Civilization	3
15 or more hours of French, of which at least six hours must be literature courses, from: [2]		15
FREN 3073	French Conversation	
FREN 3203	Advanced Written Expression	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature [2]	
FREN 4153	Survey of French Literature I [2]	
FREN 4173	Survey of French Literature II [2]	
FREN 4550	Directed Studies in French (1-9 hours)	
FREN 4573	Modern French Theater [2]	
FREN 4583	French Cinema	
LL 3500	Specialized Study in a Modern Language (1-20 hours)	
LL 4000	Specialized Studies in Languages and Literatures (1-9 hours)	
Business Essentials		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Additional hours to reach the required 42 hours may be taken from the following:		
GEOG 3723	Europe (GS)	
POLS 3143	European Politics (G)	
HTM 3223	International Travel and Tourism (G)	

LSB 4633	Legal Aspects of International Business Transactions (G)	
MGMT 4613	International Management (G)	
MKTG 3993	International Business (G)	
MKTG 4553	International Marketing	
Hours Subtotal		**42**
Electives		
Select 16 hours		16
May need to include at least 13 upper-division hours.		
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] Literature course options include FREN 3853, FREN 4153, FREN 4173, and FREN 4573.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
FREN 1713	Elementary French I (F)	3
General Education courses		11
	Hours	**14**
Spring		
FREN 1813	Elementary French II (F)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
FREN 2713	Intermediate French (FG)	3
(FREN 2723 no longer required)		
General Education courses		12
	Hours	**15**
Spring		
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
General education and electives		9
	Hours	**15**
Junior		
Fall		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
6 cr Advanced French as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
6 cr Advanced French as offered		6
College and Elective courses		9
	Hours	**15**
	Total Hours	**120**

French: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
FREN 1713	Elementary French I (F)	
FREN 1813	Elementary French II (F)	
FREN 2713	Intermediate French (FG)	
See note 3		9
Non-Western Studies		
Select at least one course		
See note 2.c.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division French courses with minimum grade of "C" in each course		
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
FREN 3213	Advanced Grammar	3
FREN 4333	Background of Modern French Civilization	3
Select 18 hours or more of the following French courses. At least six hours must be literature courses: [1]		18
FREN 3073	French Conversation	
FREN 3343	Business French	
FREN 3463	Advanced Diction and Phonetics	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I [1]	
FREN 4173	Survey of French Literature II [1]	
FREN 4550	Directed Studies in French (1-9)	
FREN 4573	Modern French Theater [1]	
FREN 4583	French Cinema	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
Select 9 hours from the following or accredited doctoral law courses.		9
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	

POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**39**
Electives		
Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
Hours Subtotal		**19**
Total Hours		**120**

[1] At least 6 hours must be from literature courses marked with a [1].

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to

enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
FREN 1713	Elementary French I (F)	3
General Education courses		11
	Hours	**14**
Spring		
FREN 1813	Elementary French II (F)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
FREN 2713	Intermediate French (FG)	3
(FREN 2723 no longer required)		
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		9
	Hours	**15**
Spring		
FREN 2813	Intermediate Reading and Conversation	3
FREN 2823	Intermediate Grammar and Composition	3
General education and electives		9
	Hours	**15**
Junior		
Fall		
FREN 3213	Advanced Grammar	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
6 hrs Advanced French as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
6 hrs Advanced French as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
6 hrs Advanced French as offered		6
College and Elective courses		9
	Hours	**15**
	Total Hours	**120**

German (GRMN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

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Minimum Overall Grade Point Average: 2.50
Total Hours: 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
GRMN 1713	Elementary German I (F)	3
GRMN 1813	Elementary German II (F)	3
GRMN 2713	Intermediate German (FG)	3
GRMN 2823	Intermediate German Skills II (G)	3
Upper-Level Requirements		
Select six hours from the following:		6
GRMN 3013	German for Reading Requirements I	
GRMN 3023	German for Reading Requirements II	
GRMN 3343	Business German	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 3803	Advanced Conversation Skills	
GRMN 3813	Advanced Writing Skills	
GRMN 4113	German Literature and Culture in Translation (G)	
GRMN 4153	Survey of German Literature I	
GRMN 4163	Survey of German Literature II	
GRMN 4333	Backgrounds of Modern German Civilization	
GRMN 4343	Modern Germany	
GRMN 4513	The Age of Goethe	
GRMN 4523	19th Century German Literature and Culture	
GRMN 4533	20th Century German Literature and Culture	
GRMN 4543	Contemporary German Literature and Culture	
GRMN 4550	Special Topics in German	
GRMN 4650	Topics in German	
Total Hours		**18**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

German, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
GRMN 1713	Elementary German I (F)	3
GRMN 1813	Elementary German II (F)	3
GRMN 2713	Intermediate German (FG)	3
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course		
GRMN 2823	Intermediate German Skills II (G)	3
Select 27 or more hours of the following.		27
GRMN 3013	German for Reading Requirements I	
GRMN 3023	German for Reading Requirements II	
GRMN 3343	Business German	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 3803	Advanced Conversation Skills	
GRMN 3813	Advanced Writing Skills	
GRMN 4113	German Literature and Culture in Translation (G)	
GRMN 4153	Survey of German Literature I	
GRMN 4163	Survey of German Literature II	
GRMN 4333	Backgrounds of Modern German Civilization	
GRMN 4343	Modern Germany	
GRMN 4513	The Age of Goethe	
GRMN 4523	19th Century German Literature and Culture	
GRMN 4533	20th Century German Literature and Culture	
GRMN 4543	Contemporary German Literature and Culture	
GRMN 4550	Special Topics in German	
GRMN 4650	Topics in German	
LL 3663	Surveillance, Data, and Hacking in German Film and Television (H)	
LL 4123	Fairy Tales: The Brothers Grimm, Disney, and Beyond (H)	
LL 4133	Vampires, Monsters, and Other Horrors: German Film's Haunted Pasts (H)	
Select 10 upper-division hours to reach 40 hours.		10
Hours Subtotal		**40**
Electives		
Select 18 hours		18
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
Hours Subtotal		**18**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GRMN 1713	Elementary German I (F)	3
General Education courses		13
	Hours	**16**
Spring		
GRMN 1813	Elementary German II (F)	3
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
GRMN 2713	Intermediate German (FG)	3
General Education courses		12
	Hours	**15**

Spring		
GRMN 2823	Intermediate German Skills II (G)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
6 hrs Advanced German as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
6 hrs Advanced German as offered (recommend advanced lit)		6
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
6 hrs Advanced German as offered (recommend advanced lit)		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
6 hrs Advanced German as offered		6
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

German: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, not MATH 1493) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N) with one (L)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
GRMN 1713	Elementary German I (F)	3
GRMN 1813	Elementary German II (F)	3
GRMN 2713	Intermediate German (FG)	3
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course.		
GRMN 2823	Intermediate German Skills II (G)	3
15 or more hours of the following. At least 6 hours must be in German [1]		15
GRMN 3343	Business German [1]	
GRMN 3463	Advanced Diction and Phonetics [1]	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 3803	Advanced Conversation Skills [1]	
GRMN 3813	Advanced Writing Skills [1]	
GRMN 4113	German Literature and Culture in Translation (G)	
GRMN 4333	Backgrounds of Modern German Civilization [1]	
GRMN 4343	Modern Germany [1]	
GRMN 4513	The Age of Goethe [1]	
GRMN 4523	19th Century German Literature and Culture [1]	
GRMN 4533	20th Century German Literature and Culture [1]	
GRMN 4543	Contemporary German Literature and Culture [1]	
GRMN 4550	Special Topics in German [1]	
GRMN 4650	Topics in German [1]	
LL 3663	Surveillance, Data, and Hacking in German Film and Television (H)	
LL 4123	Fairy Tales: The Brothers Grimm, Disney, and Beyond (H)	
LL 4133	Vampires, Monsters, and Other Horrors: German Film's Haunted Pasts (H)	
Business Essentials		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	

MSIS 2103	Business Data Science Technologies	
Additional hours to reach the required 42 hours may be taken from the following:		12
GEOG 3723	Europe (GS)	
POLS 3143	European Politics (G)	
HTM 3223	International Travel and Tourism (G)	
LSB 4633	Legal Aspects of International Business Transactions (G)	
MGMT 4613	International Management (G)	
MKTG 3993	International Business (G)	
MKTG 4553	International Marketing	
Hours Subtotal		**42**
Electives		
Select 16 hours.		16
May need to include 13 hours upper-division hours.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GRMN 1713	Elementary German I (F)	3
General Education courses		13
	Hours	**16**
Spring		
GRMN 1813	Elementary German II (F)	3
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
GRMN 2713	Intermediate German (FG)	3
General Education courses		12
	Hours	**15**
Spring		
GRMN 2823	Intermediate German Skills II (G)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
3 hrs Advanced German as offered		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
3 hrs Advanced German as offered (recommend German lit)		3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
3 hrs Advanced German as offered (recommend German lit)		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
3 hrs Advanced German as offered		3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

German: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
GRMN 1713	Elementary German I (F)	3
GRMN 1813	Elementary German II (F)	3
GRMN 2713	Intermediate German (FG)	3
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division German courses with minimum grade of "C" in each course		
GRMN 2823	Intermediate German Skills II (G)	3
Select 27 or more hours of German of the following:		27
GRMN 3343	Business German	
GRMN 3463	Advanced Diction and Phonetics	
GRMN 3501	Orientation to Internship Abroad	
GRMN 3502	Internship Abroad	
GRMN 3803	Advanced Conversation Skills	
GRMN 3813	Advanced Writing Skills	
GRMN 4113	German Literature and Culture in Translation (G)	
GRMN 4333	Backgrounds of Modern German Civilization	
GRMN 4343	Modern Germany	
GRMN 4513	The Age of Goethe	
GRMN 4523	19th Century German Literature and Culture	
GRMN 4533	20th Century German Literature and Culture	
GRMN 4543	Contemporary German Literature and Culture	
GRMN 4550	Special Topics in German	
GRMN 4650	Topics in German	
LL 3663	Surveillance, Data, and Hacking in German Film and Television (H)	
LL 4123	Fairy Tales: The Brothers Grimm, Disney, and Beyond (H)	
LL 4133	Vampires, Monsters, and Other Horrors: German Film's Haunted Pasts (H)	
Select 9 hours from the following or accredited doctoral law courses.		9
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	

POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**39**
Electives		
Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
Hours Subtotal		**19**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

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Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
GRMN 1713	Elementary German I (F)	3
General Education courses		13
	Hours	**16**
Spring		
GRMN 1813	Elementary German II (F)	3
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
GRMN 2713	Intermediate German (FG)	3
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		9
	Hours	**15**
Spring		
GRMN 2823	Intermediate German Skills II (G)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
6 hrs Advanced German as offered		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
6 hrs Advanced German as offered (recommend German lit)		6
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
6 hrs Advanced German as offered (recommend German lit)		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
6 hrs Advanced German as offered		6
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Greek (GREK), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
GREK 1713	Elementary Classical Greek I	3
GREK 1813	Elementary Classical Greek II	3
GREK 2713	Elementary Classical Greek III	3
GREK 2813	Intermediate Readings	3
Upper-Level Requirements		
Nine hours from:		9
GREK 3330	Advanced Readings	
Total Hours		**21**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Japanese (JPN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
JAPN 1713	Elementary Japanese I	3
JAPN 1813	Elementary Japanese II	3
JAPN 2713	Intermediate Japanese I	3
JAPN 2813	Intermediate Japanese II	3
Upper-Level Requirements		
JAPN 3723	Advanced Readings in Japanese	3
JAPN 3823	Advanced Japanese II	3
Total Hours		**18**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Korean (KRN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
KRN 1713	Elementary Korean I	3
KRN 1813	Elementary Korean II	3
KRN 2713	Intermediate Korean I	3
KRN 2813	Intermediate Korean II	3
Upper-Level Requirements		
KRN 3723	Advanced Korean Grammar and Conversation I	3
KRN 3823	Advanced Korean Grammar and Conversation II	3
Total Hours		**18**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Latin (LATN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 21

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
LATN 1713	Elementary Latin I (F)	3
LATN 1813	Elementary Latin II (F)	3
LATN 2713	Elementary Latin III (F)	3
LATN 2813	Intermediate Readings	3
Upper-Level Requirements		
Select nine hours from the following:		9
LATN 3123	Classical Mythology (H)	
LATN 3223	Love and Hate in Greece and Rome (H)	
LATN 3330	Advanced Readings in Latin	
LATN 4113	Latin Literature in Translation (H)	
Total Hours		**21**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Professional Chinese (PRCH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C" in all upper-division courses
Total Hours: 15

Code	Title	Hours
Minor Requirements		
A minimum number of credit hours of lower-division language coursework is required to prepare for advanced language. Please see advisor for details.		6-9
CHIN 3343	Business Chinese	3
Select two additional courses from upper-division CHIN		6
CHIN 3713	Chinese Culture (I)	
CHIN 3813	Chinese Literature in Translation	
CHIN 4713	Advanced Readings in Chinese	
or CHIN 4813	Advanced Chinese Conversation	
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Professional Spanish, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 24

Code	Title	Hours
Lower-Division Requirements		
Select 12 hours from the following (may be satisfied through placement):		12
SPAN 1713	Elementary Spanish I (F)	
SPAN 1813	Elementary Spanish II (F)	
SPAN 2713	Intermediate Spanish (F)	
SPAN 2723	Intermediate Hispanic Culture and Media	
SPAN 2813	Intermediate Reading and Conversation	
SPAN 2823	Intermediate Composition and Grammar	
Upper-Division Courses		
Required Courses:		
SPAN 3343	Business Spanish	3
SPAN 4323	Culture and Civilization of Spain	3
or SPAN 4333	Culture and Civilization of Latin America	
Electives		
Select 6 hours from the following:		6
SPAN 3053	Introduction to Literatures and Cultures in Spanish	
SPAN 3163	Literature of Medieval and Early Modern Spain	
SPAN 3173	Literature of Spain from 1700 to the Present	
SPAN 3183	Early Latin American Literature	
SPAN 3193	Modern and Contemporary Latin American Literature	
SPAN 3203	Advanced Conversation	
SPAN 3213	Advanced Grammar and Composition	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4183	Spain and Islam	
SPAN 4193	Hispanic Film	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish	
Total Hours		**24**

Russian (RUSS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 18

The completion of all lower-division coursework or equivalent proficiency in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
RUSS 1713	Elementary Russian I (F)	3
RUSS 1813	Elementary Russian II (F)	3
RUSS 2713	Intermediate Russian I (F)	3
RUSS 2813	Intermediate Russian II	3
Upper-Level Requirements		
Select two courses from the following:		6
RUSS 3003	The Soviet Union: History, Society and Culture (IS)	
RUSS 3053	Introduction to Central Asian Studies (IS)	
RUSS 3113	Russian Conversation	
RUSS 3123	Understanding Russia (H)	
RUSS 3223	Russian Composition	
RUSS 4013	Survey of Russian Literature I	
RUSS 4023	Survey of Russian Literature II	
RUSS 4113	Russian Literature in Translation I (H)	
RUSS 4123	Russian Literature in Translation II	
RUSS 4223	Russian Reading Skills	
Total Hours		**18**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Spanish (SPAN), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Overall Grade Point Average: 2.50
Total Hours: 24

The completion of all lower-division coursework or its equivalent in same language to be followed by:

Code	Title	Hours
Language Sequence Requirements		
SPAN 1713	Elementary Spanish I	3
SPAN 1813	Elementary Spanish II	3
SPAN 2713	Intermediate Spanish	3
SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
Upper-Level Requirements		
Selet six hours from the following:		6
SPAN 3053	Introduction to Literatures and Cultures in Spanish	
SPAN 3163	Literature of Medieval and Early Modern Spain	
SPAN 3173	Literature of Spain from 1700 to the Present	
SPAN 3183	Early Latin American Literature	
SPAN 3193	Modern and Contemporary Latin American Literature	
SPAN 3203	Advanced Conversation	
SPAN 3213	Advanced Grammar and Composition	
SPAN 3343	Business Spanish	
SPAN 3363	Spanish for Healthcare Professionals	
SPAN 3403	Introduction to Hispanic Linguistics	
SPAN 3463	Spanish Phonetics and Phonology	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4143	Short Novels in Hispanic Literature	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4183	Spain and Islam	
SPAN 4193	Hispanic Film	
SPAN 4203	Hispanic Music	
SPAN 4213	Short Stories in Hispanic Literature	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Culture and Civilization of Spain	
SPAN 4333	Culture and Civilization of Latin America	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World	
SPAN 4550	Seminar in Spanish	
SPAN 4650	Topics in Spanish	
Total Hours		**24**

Other Requirements

- No grade below "C" in all upper-division courses

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Spanish, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
SPAN 1713	Elementary Spanish I (F)	3
SPAN 1813	Elementary Spanish II (F)	3
SPAN 2713	Intermediate Spanish (F)	3
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course		
SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 4323	Culture and Civilization of Spain	3
or SPAN 4333	Culture and Civilization of Latin America	
Select 3 hours of the following:		3
SPAN 3163	Literature of Medieval and Early Modern Spain	
SPAN 3173	Literature of Spain from 1700 to the Present	
SPAN 3183	Early Latin American Literature	
SPAN 3193	Modern and Contemporary Latin American Literature	
Select 12 or more hours of Spanish from the following. At least six hours must be literature or linguistics courses: [1]		12
SPAN 3053	Introduction to Literatures and Cultures in Spanish [1]	
SPAN 3203	Advanced Conversation	
SPAN 3343	Business Spanish	
SPAN 3363	Spanish for Healthcare Professionals	
SPAN 3403	Introduction to Hispanic Linguistics [1]	
SPAN 3463	Spanish Phonetics and Phonology [1]	
SPAN 4123	Hispanic Poetry [1]	
SPAN 4133	Hispanic Prose [1]	
SPAN 4143	Short Novels in Hispanic Literature [1]	
SPAN 4163	Don Quijote [1]	
SPAN 4173	Hispanic Drama [1]	
SPAN 4183	Spain and Islam [1]	
SPAN 4193	Hispanic Film [1]	
SPAN 4203	Hispanic Music [1]	
SPAN 4213	Short Stories in Hispanic Literature [1]	
SPAN 4223	Contemporary Hispanic Literature [1]	
SPAN 4253	Masterpieces of Hispanic Literature I [1]	
SPAN 4263	Masterpieces of Hispanic Literature II [1]	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language [1]	
SPAN 4453	Voices of US Spanish: Identity and Variation [1]	

SPAN 4463	Sociolinguistics of the Spanish-Speaking World [1]	
SPAN 4550	Seminar in Spanish (1-9 hours)	
SPAN 4650	Topics in Spanish ((1-9 hours))	
SPAN 5110	Advanced Hispanic Studies (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
LL 5210	Graduate Studies in Languages	
Select 10 upper-division hours to reach 40 hours.		10
Hours Subtotal		**40**
Electives		
Select 18 hours		18
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
Hours Subtotal		**18**
Total Hours		**120**

[1] At least 6 hours must be from literature or linguistics courses marked with a [1].

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
SPAN 1713	Elementary Spanish I (F)	3
General Education courses		11
	Hours	**14**
Spring		
SPAN 1813	Elementary Spanish II (F)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
SPAN 2713	Intermediate Spanish (F)	3
(SPAN 2723 no longer required)		
General Education courses		12
	Hours	**15**
Spring		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
SPAN 3053	Introduction to Literatures and Cultures in Spanish	3
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
SPAN 3163 or SPAN 3173 or SPAN 3183 or SPAN 3193	Literature of Medieval and Early Modern Spain or Literature of Spain from 1700 to the Present or Early Latin American Literature or Modern and Contemporary Latin American Literature	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
6 hrs Advanced Spanish lit and Elective		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
SPAN 4323 or SPAN 4333	Culture and Civilization of Spain or Culture and Civilization of Latin America	3
3 hrs Advanced Spanish Elective		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Spanish: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, not MATH 1493) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
SPAN 1713	Elementary Spanish I (F)	3
SPAN 1813	Elementary Spanish II (F)	3
SPAN 2713	Intermediate Spanish (F)	3
Non-Western Studies		
At least one course. (See note 2.d.)		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course.		
SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar (or equivalent proficiency)	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 3343	Business Spanish	3
SPAN 4323	Culture and Civilization of Spain	3
or SPAN 4333	Culture and Civilization of Latin America	
3 hours from:		3
SPAN 3163	Literature of Medieval and Early Modern Spain	
SPAN 3173	Literature of Spain from 1700 to the Present	
SPAN 3183	Early Latin American Literature	
SPAN 3193	Modern and Contemporary Latin American Literature	
9 or more hours of Spanish, of which at least 6 hours must be literature or linguistics courses, from: [2]		9
SPAN 3053	Introduction to Literatures and Cultures in Spanish [2]	
SPAN 3203	Advanced Conversation	
SPAN 3363	Spanish for Healthcare Professionals	
SPAN 3403	Introduction to Hispanic Linguistics [2]	
SPAN 3463	Spanish Phonetics and Phonology [2]	
SPAN 4123	Hispanic Poetry [2]	
SPAN 4133	Hispanic Prose [2]	
SPAN 4143	Short Novels in Hispanic Literature [2]	
SPAN 4163	Don Quijote [2]	
SPAN 4173	Hispanic Drama [2]	
SPAN 4183	Spain and Islam [2]	
SPAN 4193	Hispanic Film [2]	
SPAN 4203	Hispanic Music [2]	
SPAN 4213	Short Stories in Hispanic Literature [2]	
SPAN 4223	Contemporary Hispanic Literature [2]	
SPAN 4253	Masterpieces of Hispanic Literature I [2]	
SPAN 4263	Masterpieces of Hispanic Literature II [2]	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language [2]	
SPAN 4453	Voices of US Spanish: Identity and Variation [2]	

SPAN 4463	Sociolinguistics of the Spanish-Speaking World [2]	
SPAN 4550	Seminar in Spanish (1-9 hours) [2]	
SPAN 4650	Topics in Spanish [2]	
SPAN 5110	Advanced Hispanic Studies (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
LL 5210	Graduate Studies in Languages	
Business Essentials		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Additional hours to reach the required 42 hours may be taken from the following:		
GEOG 3723	Europe (GS)	
GEOG 3743	Latin America (GS)	
POLS 3143	European Politics (G)	
POLS 3193	Latin American Politics (GS)	
HTM 3223	International Travel and Tourism (G)	
LSB 4633	Legal Aspects of International Business Transactions (G)	
MGMT 4613	International Management (G)	
MKTG 3993	International Business (G)	
MKTG 4553	International Marketing	
Hours Subtotal		**42**
Electives		
16 hours of Electives		16
May need to include 13 hours upper-division general education hours.		
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] At least 6 hours must be from literature or linguistics courses marked with a [2].

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
SPAN 1713	Elementary Spanish I (F)	3
General Education courses		11
	Hours	**14**
Spring		
SPAN 1813	Elementary Spanish II (F)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
SPAN 2713	Intermediate Spanish (F)	3
(SPAN 2723 no longer required)		
General Education courses		12
	Hours	**15**
Spring		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
SPAN 3213	Advanced Grammar and Composition	3
SPAN 3343	Business Spanish	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
SPAN 3163 or SPAN 3173 or SPAN 3183 or SPAN 3193	Literature of Medieval and Early Modern Spain (Major, College, and Elective courses) or Literature of Spain from 1700 to the Present or Early Latin American Literature or Modern and Contemporary Latin American Literature	3
3 hrs Advanced Spanish Elective		3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
6 hrs Advanced Spanish Elective		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
SPAN 4323 or SPAN 4333	Culture and Civilization of Spain or Culture and Civilization of Latin America	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Spanish: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
SPAN 1713	Elementary Spanish I (F)	3
SPAN 1813	Elementary Spanish II (F)	3
SPAN 2713	Intermediate Spanish (F)	3
Non-Western Studies		
Select at least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 in upper-division Spanish courses with a minimum grade of "C" in each course		
SPAN 2723	Intermediate Hispanic Culture and Media	3
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
SPAN 3213	Advanced Grammar and Composition	3
SPAN 4323	Culture and Civilization of Spain	3
or SPAN 4333	Culture and Civilization of Latin America	
Select 3 hours of the following:		3
SPAN 3163	Literature of Medieval and Early Modern Spain	
SPAN 3173	Literature of Spain from 1700 to the Present	
SPAN 3183	Early Latin American Literature	
SPAN 3193	Modern and Contemporary Latin American Literature	
Select 12 or more hours of Spanish from the following. At least six hours must be literature or linguistics courses: [1]		12
SPAN 3053	Introduction to Literatures and Cultures in Spanish [1]	
SPAN 3203	Advanced Conversation	
SPAN 3343	Business Spanish	
SPAN 3363	Spanish for Healthcare Professionals	
SPAN 3403	Introduction to Hispanic Linguistics [1]	
SPAN 3463	Spanish Phonetics and Phonology [1]	
SPAN 4123	Hispanic Poetry [1]	
SPAN 4133	Hispanic Prose [1]	
SPAN 4143	Short Novels in Hispanic Literature [1]	
SPAN 4163	Don Quijote [1]	
SPAN 4173	Hispanic Drama [1]	
SPAN 4183	Spain and Islam [1]	
SPAN 4193	Hispanic Film [1]	
SPAN 4203	Hispanic Music [1]	
SPAN 4213	Short Stories in Hispanic Literature [1]	
SPAN 4223	Contemporary Hispanic Literature [1]	
SPAN 4253	Masterpieces of Hispanic Literature I [1]	
SPAN 4263	Masterpieces of Hispanic Literature II [1]	
SPAN 4413	Advanced Stylistics	
SPAN 4443	History of the Spanish Language [1]	

SPAN 4453	Voices of US Spanish: Identity and Variation [1]	
SPAN 4463	Sociolinguistics of the Spanish-Speaking World [1]	
SPAN 4550	Seminar in Spanish (1-9 hours) [1]	
SPAN 4650	Topics in Spanish [1]	
SPAN 5110	Advanced Hispanic Studies (1-9 hours)	
LL 3500	Specialized Study in a Modern Language	
LL 4000	Specialized Studies in Languages and Literatures	
LL 5210	Graduate Studies in Languages	
Select 9 hours from the following or accredited doctoral law courses.		9
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**39**
Electives		
Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 12 additional upper-division hours		
Hours Subtotal		**19**
Total Hours		**120**

[1] At least 6 hours must be from literature or linguistics courses marked with a [1].

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
SPAN 1713	Elementary Spanish I (F)	3
General Education courses		11
	Hours	**14**
Spring		
SPAN 1813	Elementary Spanish II (F)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
SPAN 2713	Intermediate Spanish (F)	3
(SPAN 2723 no longer required)		
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		9
	Hours	**15**
Spring		
SPAN 2813	Intermediate Reading and Conversation	3
SPAN 2823	Intermediate Composition and Grammar	3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
SPAN 3213	Advanced Grammar and Composition	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
SPAN 3163 or SPAN 3173 or SPAN 3183 or SPAN 3193	Literature of Medieval and Early Modern Spain (Major, College, and Elective courses) or Literature of Spain from 1700 to the Present or Early Latin American Literature or Modern and Contemporary Latin American Literature	3
3 hrs Advanced Spanish Elective		3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
6 hrs Advanced Spanish Elective		6
Major, College, and Elective courses		9
	Hours	**15**
Spring		
SPAN 4323 or SPAN 4333	Culture and Civilization of Spain (Major, College, and Elective courses) or Culture and Civilization of Latin America	3
3 hrs Advanced Spanish Elective		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Mathematics

Math is the language of science and a vital part of both cutting-edge research and daily life. Contemporary mathematics investigates such basic concepts as space and number and also the formulation and analysis of mathematical models arising from applications. Mathematics has always had close relationships to the physical sciences and engineering. As the biological, social, and management sciences have become increasingly quantitative, the mathematical sciences have moved in new directions to support these fields.

Mathematicians teach in high schools and colleges, do research and teach at universities, and apply mathematics in business, industry, and government. Outside of education, mathematicians usually work in research and analytical positions, although they have become increasingly involved in management. Firms in the aerospace, communications, computer, defense, electronics, energy, finance, and insurance industries employ many mathematicians. In such employment, a mathematician typically serves either in a consulting capacity, giving advice on mathematical problems to engineers and scientists, or as a member of a research team composed of specialists in several fields. Among the qualities that a mathematician should possess are breadth of interests and outlook, the ability to think abstractly, and a keen interest in problem-solving.

An undergraduate specializing in mathematics will usually begin with calculus. All math majors take courses in differential equations, linear algebra, abstract algebra, analysis, computer programming, and statistics. The student's interests and future plans determine the remainder of the field of concentration.

Undergraduate degree options are available to prepare students for:

1. employment as an applied mathematician or data scientist in industry, business or government;
2. employment as an actuary or financial analyst;
3. secondary school mathematics teaching; and
4. graduate study in mathematics, business or finance, law, medicine, or other areas.

Students choosing secondary school teaching complete all requirements for state certification as part of this program.

Many of the more challenging positions in mathematics require study beyond a bachelor's degree. For example, university faculty are required to hold a PhD, while teaching in a community college requires at least a master's degree and possibly a doctorate. Approximately 25 percent of the students receiving a bachelor's degree in mathematics go on to graduate work.

Courses

MATH 1483 Mathematical Functions and Their Uses (Q)
Prerequisites: An acceptable placement score - see placement.okstate.edu.
Description: Analysis of functions and their graphs from the viewpoint of rates of change. Linear, exponential, logarithmic and other functions. Applications to the natural sciences, agriculture, business and the social sciences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: MATH 1483 Corequisite fee of $90 and Individ Study Tuition and fee of $189.10 per credit hour apply.

MATH 1493 Applications of Modern Mathematics (Q)
Prerequisites: An acceptable placement score (see placement.okstate.edu).
Description: Introduction to contemporary applications of discrete mathematics. Topics from management science, statistics, coding and information theory, social choice and decision making, geometry and growth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: MATH 1493 Corequisite fee of $90 applies.

MATH 1513 College Algebra (Q)
Prerequisites: An acceptable placement score (see placement.okstate.edu). Two years of high school algebra recommended.
Description: Quadratic equations, functions and graphs, inequalities, systems of equations, exponential and logarithmic functions, theory of equations, sequences, permutations and combinations. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: MATH 1513 Corequisite fee of $90, Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

MATH 1583 Applied Geometry and Trigonometry (Q)
Prerequisites: A grade of "C" or better in one of MATH 1483 or MATH 1513, or an acceptable placement score (see placement.okstate.edu).
Description: Geometry, trigonometry, and their applications to technology and design. Not intended for calculus-bound students.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 1613 Trigonometry (Q)
Prerequisites: MATH 1513 with grade of "C" or better or an acceptable placement score (see placement.okstate.edu).
Description: Trigonometric functions, solution of triangles and applications to physical sciences. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 1715 Precalculus (Q)
Prerequisites: An acceptable placement score (see http://placement.okstate.edu). One year of high school geometry and two years of high school algebra recommended.
Description: Includes an integrated treatment of topics from College Algebra and Trigonometry. Combined credit toward a degree for MATH 1513, MATH 1613 and MATH 1715 limited to six hours. Satisfies the six hour general education Analytical and Quantitative Thought requirement.
Credit hours: 5
Contact hours: Lecture: 5 Contact: 5
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 1813 Preparation for Calculus (Q)
Prerequisites: MATH 1513 with grade of “C” or better or an acceptable placement score (see placement.okstate.edu).
Description: A conceptual approach to the algebra and trigonometry needed for calculus, including polynomial, rational, exponential, logarithmic, and trigonometric functions, inverse and composite functions, rates of change and the limiting process. Combined credit towards a degree for MATH 1513, MATH 1613, and MATH 1813 limited to six hours. May not be used for degree credit with MATH 1715.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: MATH 1813 Corequisite fee of $90, Cowboy Concur OL NRes Tuition fee of $300 per credit hour, and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

MATH 1910 Special Studies
Prerequisites: Consent of instructor.
Description: Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 2103 Business Calculus (Q)
Prerequisites: A grade of "C" or better in one of MATH 1483 or MATH 1513 or MATH 1715 or MATH 1813, or an acceptable placement score (see http://placement.okstate.edu).
Description: An introduction to calculus in the context of applications to business. Previously offered as MATH 2713.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: Individ Study Tuition and fee of $189.10 per credit hour applies.

MATH 2123 Calculus for Technology Programs I (Q)
Prerequisites: MATH 1613 with a grade of "C" or better, or MATH 1715 with a grade of "C" or better, or MATH 1813 with a grade of "C" or better, or an acceptable placement score (see placement.okstate.edu).
Description: First semester of a terminal sequence in calculus for students in the School of Technology. Functions and graphs, differentiation and integration with applications. Previously offered as MATH 2373.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 2133 Calculus for Technology Programs II (Q)
Prerequisites: A grade of "C" or better in MATH 2123 or in MATH 2144.
Description: Second semester of a terminal sequence in calculus for students in the School of Technology. Calculus of trigonometric, exponential and logarithmic functions and applications to physical problems. Previously offered as MATH 2383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 2144 Calculus I (Q)
Prerequisites: MATH 1613 with grade of "C" or better, or MATH 1715 with grade of "C" or better, or MATH 1813 with grade of "C" or better, or an acceptable placement score (see placement.okstate.edu).
Description: An introduction to derivatives, integrals and their applications. Previously offered as MATH 2145 and MATH 2265.
Credit hours: 4
Contact hours: Lecture: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: MATH 2144 Corequisite fee of $90, Cowboy Concur OL NRes Tuition fee of $300 per credit hour, and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

MATH 2153 Calculus II (Q)
Prerequisites: MATH 2144 with grade of "C" or better.
Description: A continuation of MATH 2144, including techniques of integration, series and their applications, parametric equations, and polar coordinates. Previously offered as MATH 2155, MATH 2163, and MATH 2365.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 2163 Calculus III
Prerequisites: MATH 2153 with grade of "C" or better.
Description: A continuation of MATH 2153, including differential and integral calculus of functions of several variables and an introduction to vector analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 2233 Differential Equations
Prerequisites: MATH 2153 with grade of "C" or better.
Description: Methods of solution of ordinary differential equations with applications. First order equations, linear equations of higher order, series solutions and Laplace transforms. Combined credit toward a degree for MATH 2233, MATH 3013, and MATH 3263 limited to six hours. Previously offered as MATH 2613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 2890 Honors Experience in Math
Prerequisites: Honors College participation and concurrent enrollment in a designated MATH course.
Description: A supplemental Honors experience in mathematics to partner concurrently with designated MATH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Honors Credit

MATH 2900 Undergraduate Research
Prerequisites: Consent of Instructor.
Description: A guided program of independent reading and research under the direction of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 2910 Special Studies
Prerequisites: Consent of instructor.
Description: Special subjects in mathematics. Offered for variable credit. 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 3013 Linear Algebra (Q)
Prerequisites: MATH 2153 with a grade of "C" or better.
Description: Algebra and geometry of finite-dimensional linear spaces, linear transformations, algebra of matrices, eigenvalues and eigenvectors. Combined credit toward a degree for MATH 2233, MATH 3013 and MATH 3263 limited to six hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Analytical & Quant Thought

MATH 3263 Linear Algebra and Differential Equations
Prerequisites: MATH 2153 with a grade of "C" or better.
Description: An integrated treatment of linear algebra and differential equations. Combined credit toward a degree for MATH 2233, MATH 3013, and MATH 3263 limited to six hours. Previously offered as MATH 3623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 3403 Geometric Structures for Early Childhood and Elementary Teachers
Prerequisites: MATH 1483 or MATH 1493 or MATH 1513.
Description: Foundations of geometry for prospective early childhood and elementary teachers, emphasizing conceptual understanding, in-class investigations, writing mathematical explanations, and analyzing elementary students' thinking. Topics include measurement, area, volume, transformations, scaling and similarity, angles, circles, quadrilaterals, and triangles. MATH 3403 and MATH 3603 prepare students for SMED 3153 and SMED 4153 or HDFS 3223. Previously offered as MATH 3733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 3583 Introduction to Mathematical Modeling
Prerequisites: MATH 2233 and MATH 3013 with grades of "C" or better.
Description: A project-based introduction to mathematical modeling: model building, computation and simulation, model verification, interpretation, and refinement. Students will create and analyze mathematical models to solve problems in scientific or business contexts. Techniques may include discrete or continuous models, dynamical systems, differential equations, empirical modeling, and other approaches. Written reports and oral presentations required. May not be used for degree credit with MATH 4583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 3603 Mathematical Structures for Early Childhood and Elementary Teachers
Prerequisites: MATH 1483 or MATH 1493 or MATH 1513.
Description: Foundations of number concepts for prospective early childhood and elementary teachers, emphasizing conceptual understanding, in-class investigations, writing mathematical explanations, and analyzing elementary students' thinking. Topics include the decimal number system, fractions, negative numbers, properties of arithmetic, addition, subtraction, multiplication, and division. MATH 3603 and MATH 3403 prepare students for SMED 3153 and SMED 4153 or HDFS 3223. Previously offered as MATH 3723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 3613 Introduction to Abstract Algebra
Prerequisites: MATH 3013 with a grade of "C" or better.
Description: An introduction to mathematical reasoning including logical structure of statements, quantifiers, basic set theory and techniques of proof. Elementary number theory including divisors and prime factorization, the Euclidean algorithm, and modular arithmetic. Introduction to rings, integral domains, fields, and polynomial rings. Previously offered as MATH 3113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 3703 Mathematical Structures in the Middle Grades
Prerequisites: MATH 3603 and MATH 3403 with grades of "C" or better.
Description: Foundations of mathematical concepts for prospective middle school teachers, emphasizing conceptual understanding, in-class investigations, writing mathematical explanations, and analyzing students' thinking. Topics include middle-grade number concepts such as ratio and proportion, negative numbers, exponents, factors and multiples, and prime numbers, and algebra concepts such as expressions and equations. Additional topics selected from geometry, probability, or statistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 3890 Advanced Honors Experience in Mathematics
Prerequisites: Honors College participation and concurrent enrollment In a designated MATH course.
Description: A supplemental Honors experience in mathematics to partner concurrently with designated upper-division MATH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics
General Education and other Course Attributes: Honors Credit

MATH 3910 Special Studies
Prerequisites: Consent of instructor.
Description: Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 3933 Introduction to Mathematical Research
Prerequisites: MATH 3013 with grade of "C" or better; MATH 3613 with grade of "C" or better recommended.
Description: A project-based introduction to the core methods used in mathematical research: computation, pattern recognition, conjecture, proof, and generalization. Students conduct inquiries in various mathematical areas to be selected from number theory, combinatorics, game theory, and others. Calculation and computer experimentation will be used to gather data and facilitate recognition of patterns. Written reports and oral presentation of solutions required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4013 Calculus of Several Variables
Prerequisites: MATH 2163 and MATH 3013 with grades of "C" or better.
Description: Differential and integral calculus of functions of several variables, vector analysis, Stokes' Theorem, Green's Theorem and applications. May not be used for degree credit with MATH 5063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4023 Introduction to Analysis
Prerequisites: MATH 2153 and MATH 3613 with grades of "C" or better, or consent of instructor.
Description: An introduction to analysis of functions of one real variable emphasizing the reading and writing of mathematical proof. Basic logic, set theory, functions and relations, cardinality of sets. Structure of the real numbers, completeness, open and closed sets, compact sets. Convergence of sequences bounded and monotone sequences, subsequences. Limits of functions, continuity. May not be used for degree credit with MATH 5073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4033 History of Mathematics
Prerequisites: MATH 2153 with a grade of "C" or better.
Description: Historical development of major mathematical ideas and methods from ancient times through the 18th century, with a brief survey of selected later developments. Includes contributions from diverse cultures and influences from astronomy and physics. The course will emphasize understanding historical techniques and relating them to current practice. The course provides background and historical perspectives for future math teachers. May not be used for degree credit with MATH 5033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4063 Advanced Linear Algebra
Prerequisites: MATH 3013 and MATH 3613 with minimum grade of "B"; MATH 4023 recommended.
Description: A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and hermitian forms, and dual spaces. Honors and regular sections are offered. May not be used for degree credit with MATH 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4083 Intermediate Analysis
Prerequisites: MATH 4023 with grade of "C" or better.
Description: Continuation of MATH 4023. Review of limits and continuity. Properties of continuous functions, uniform continuity, the derivative, the Mean Value Theorem. The Riemann integral, the Fundamental Theorem of Calculus. Infinite series, power series, pointwise and uniform convergence of series of functions. May not be used for degree credit with MATH 5083.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4143 Advanced Calculus I
Prerequisites: MATH 4023 with minimum grade of "B".
Description: A rigorous treatment of calculus for functions of one and several variables. Elementary topology of Euclidean and metric spaces, continuity and uniform continuity, differentiation and integration in one variable. Honors and regular sections are offered. Same course as MATH 4353. May not be used for degree credit with MATH 5043.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4153 Advanced Calculus II
Prerequisites: MATH 4143 with minimum grade of "C"; minimum grade of "B" recommended.
Description: Continuation of MATH 4143. A rigorous treatment of sequences and series of functions, uniform convergence, and differentiation and integration of vector-valued functions. Honors and regular sections are offered. Same course as MATH 4363. May not be used for degree credit with MATH 5053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4233 Intermediate Differential Equations
Prerequisites: MATH 2233 and MATH 3013 with grades of "C" or better.
Description: Systems of differential equations, series solutions, special functions, elementary partial differential equations, Sturm-Liouville problems, stability and applications. Previously offered as MATH 4653. May not be used for degree credit with MATH 5203.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4263 Introduction to Partial Differential Equations
Prerequisites: MATH 2163 and MATH 2233 and MATH 3013 with grades of "C" or better.
Description: Solution of the standard partial differential equations (Laplace's equation, transport equation, heat equation, wave equation) by separation of variables and transform methods, including eigenfunction expansions, Fourier and Laplace transform. Boundary value problems, Sturm-Liouville theory, orthogonality, Fourier, Bessel, and Legendre series, spherical harmonics. May not be used for degree credit with MATH 5263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4283 Functions of a Complex Variable
Prerequisites: MATH 4013 with a grade of "C" or better, or consent of instructor.
Description: Analytic functions of a complex variable, contour integrals, Taylor series and Laurent series, zeroes and singularities, residues and evaluation of integrals, conformal mapping, and applications. Previously offered as MATH 4673. May not be used for degree credit with MATH 5273.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4303 General Topology
Prerequisites: MATH 4023 with minimum grade of "B" or consent of instructor.
Description: Basic properties of topological spaces and continuous functions including connectedness, compactness, and separation and countability axioms. Metric, product, and quotient spaces, Urysohn's lemma, and Tietze extension theorem. Honors and regular sections are offered. May not be used for degree credit with MATH 5303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4343 Introduction to Topology
Prerequisites: MATH 4023 with a grade of "C" or better.
Description: Topological spaces, basic point-set topology, introduction to surfaces and three-manifolds, introduction to knot theory, applications. May not be used for degree credit with MATH 5343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4403 Geometry
Prerequisites: MATH 3013 and MATH 3613 with grades of "C" or better.
Description: A rigorous and thorough development of plane geometry including lines, triangles, and circles. Congruence of figures using rigid motions and similarity using dilations. Construction of geometric figures. Additional topics may include non-Euclidean geometries and higher dimensional geometry. Previously offered as MATH 4043.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4423 Geometry and Algorithms in Three-Dimensional Modeling
Prerequisites: MATH 2163 and MATH 3013 and (CS 1103 or CS 1113 or ENGR 1412) with grades of "C" or better.
Description: A project-based introduction to 3D computer-aided design tools from a mathematical perspective. Students will learn some of the mathematical background behind computer representation and manipulation of 3D geometry and will apply their knowledge, via both graphical user and programming interfaces, to design and 3D-print models visualizing mathematical concepts. Written reports and oral presentation required. May not be used for degree credit with MATH 5423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4443 Differential Geometry of Curves and Surfaces
Prerequisites: MATH 2163, Calculus III, and MATH 3013, Linear Algebra, with grades of "C" or better.
Description: Calculus applied to curves and surfaces in three dimensions: length and curvature of plane curves, graphs and level sets, surfaces, tangent spaces, vector fields, orientation. Local and global theory of curves and surfaces, intrinsic and extrinsic geometry, the Gauss-Bonnet Theorem, applications. May not be used for degree credit with MATH 5443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4453 Mathematical Interest Theory
Prerequisites: MATH 2153 and MATH 2233 with grades of "C" or better.
Description: Fundamental concepts of financial mathematics including simple and compound interest, inflation, yield rates, and equations of value for annuities, stocks, bonds, and other financial instruments. Determining equivalent measures of interest, determining yield rates, estimating rates of return, amortization. Useful in preparing for the actuarial FM exam. May not be used for degree credit with MATH 5453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4513 Introduction to Numerical Analysis
Prerequisites: MATH 2233 and MATH 3013 with grades of "C" or better and knowledge of programming, or consent of instructor.
Description: Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems for equations. Same course as CS 4513. May not be used for degree credit with MATH 5513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4533 Matrix Methods in Machine Learning
Prerequisites: MATH 3013 with grade of "C" or better and knowledge of computer programming, or consent of instructor.
Description: Introduction to matrix methods and other mathematical tools used in machine learning. Topics include linear equations, matrix factorizations, eigenvalue and singular value decompositions, and real-world applications such as data mining and pattern recognition. May not be used for degree credit with MATH 5533.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4553 Introduction to Optimization
Prerequisites: MATH 2163 and MATH 3013 with grades of "C " or better.
Description: A survey of optimization theory and methods for functions of several variables. Unconstrained optimization, gradient methods. Linear programming, simplex method, duality. Nonlinear constrained optimization. May not be used for degree credit with MATH 5503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4573 Introduction to Mathematical Epidemiology
Prerequisites: MATH 2163, Calculus III, MATH 2233, Differential Equations, and MATH 3013, Linear Algebra, with grades of "C" or better; and basic experience in coding in MATLAB, Python, R, or similar programming language or consent of instructor.
Description: An introduction to the process of applying mathematical and computational techniques to understand the dynamics of infectious diseases. Classical epidemic models including the Kermack-McKendrick SIR model and its variations. The basic reproduction number as a measure of pathogen transmissibility. Mathematical aspects of epidemic models including steady states and stability analysis. Numerical solutions and simulations of infectious disease models. Includes independent projects, written reports, and oral presentations. May not be used for degree credit with MATH 5573.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4590 Professional Practice in Mathematics
Prerequisites: Declared major in mathematics and consent of instructor.
Description: Internship or practicum experience applying mathematical principles to solve problems encountered during employment or an internship in business, industry, or government. Written and oral reports may be required. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 4613 Abstract Algebra I
Prerequisites: MATH 3613 with minimum grade of "B"; MATH 4023 recommended.
Description: Introduction to groups, rings, and fields. Group theory topics include subgroups, quotient groups, isomorphism, homomorphism, and Lagrange's Theorem. Ring theory topics include ideals, homomorphisms, integral domains and factorization. Field theory topics include subfields and field extensions. Honors and regular sections are offered. Same course as MATH 4113. May not be used for degree credit with MATH 5003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4623 Abstract Algebra II
Prerequisites: MATH 4613 with minimum grade of "C"; minimum grade of "B" recommended.
Description: Continuation of MATH 4613. Topics include group actions, the Sylow theorems, polynomial rings, field extensions, Galois theory, and the insolubility of the quintic. Honors and regular sections are offered. May not be used for degree credit with MATH 5013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4663 Combinatorics
Prerequisites: MATH 3013 with a grade of "C" or better.
Description: Introduction to graph theory and network theory, counting techniques, generating functions, recurrence relations, and difference equations. Previously offered as MATH 4273. May not be used for degree credit with MATH 5673.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4713 Number Theory
Prerequisites: MATH 3613 with a grade of "C" or better.
Description: Divisibility of integers, congruencies, quadratic residues, distribution of primes, continued fractions and the theory of ideals. Previously offered as MATH 4243. May not be used for degree credit with MATH 5713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4753 Introduction to Cryptography
Prerequisites: MATH 3013 and (MATH 3613 or CS 3653) with grades of "C" or better.
Description: Classical and modern techniques for transmitting and managing information in the presence of eavesdroppers or adversaries and the mathematical principles on which they are based. Symmetric and asymmetric ciphers such as RSA and public key cryptography. Modular arithmetic, the factoring problem, and the discrete logarithm problem. May not be used for degree credit with MATH 5753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4813 Groups and Representations
Prerequisites: MATH 3013 and MATH 3613 with grades of "C" or better, or consent of instructor.
Description: An introduction to groups, group actions, symmetry groups, representations and characters. Further topics may include infinite symmetry groups, applications to chemistry and physics, finite isometry groups and geometry. May not be used for degree credit with MATH 5803.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4893 Advanced Perspectives on Secondary Mathematics
Prerequisites: MATH 2153 with minimum grade of "C" and enrollment in the STCH option on the BS in Mathematics.
Description: A conceptually rigorous treatment of topics in secondary mathematics for prospective teachers including functions, rates of change, and modeling with linear, exponential, logarithmic, and trigonometric functions. Emphasis on productive ways of reasoning in secondary mathematics and developing pre-service teachers' ability to teach for understanding. No credit towards the MATH minor. Previously offered as MATH 3303. May not be used for degree credit with MATH 5893.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4900 Undergraduate Research
Prerequisites: Consent of instructor.
Description: A guided program of independent reading and research under the direction of a faculty member. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 4910 Special Studies
Prerequisites: Consent of instructor.
Description: Special subjects in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 4950 Problem Solving Seminar
Prerequisites: MATH 2153 with a grade of "C" or better.
Description: The general process of problem solving. Selected problem-solving techniques. Applications to challenging problems from all areas of mathematics. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Mathematics

MATH 4963 Preparation for Senior Thesis
Prerequisites: Consent of instructor, junior or senior standing.
Description: A guided program of independent reading and research under the direction of a faculty member. This course may serve as the first part of a two-semester senior thesis or senior honors thesis experience.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 4973 Senior Thesis
Prerequisites: Consent of instructor, senior standing.
Description: A guided program of independent reading and research under the direction of a faculty member. The project culminates in an oral presentation, and a written report also approved by a second faculty reader.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 4993 Senior Honors Thesis
Prerequisites: Consent of instructor, senior standing, and Honors Program participation.
Description: A guided program of independent reading and research under the direction of a faculty member. The project culminates in an oral presentation, and a written report also approved by a second faculty reader. Required for graduation with Departmental honors in mathematics.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Mathematics
General Education and other Course Attributes: Honors Credit

MATH 5000 Master's Research and Thesis
Prerequisites: Consent of advisory committee.
Description: Directed reading and research culminating in the master's report or master's thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 5003 Abstract Algebra I
Prerequisites: MATH 3613 with minimum grade of "B"; Math 4023 or 5073 recommended.
Description: Introduction to groups, rings, and fields. Group theory topics include subgroups, quotient groups, isomorphism, homomorphism, and Lagrange's theorem. Ring theory topics include ideals, homomorphisms, integral domains, and factorization. Field theory topics include subfields and field extensions. May not be used for degree credit with MATH 4613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5010 Seminar in Mathematics
Prerequisites: Consent of instructor.
Description: Topics in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 5013 Abstract Algebra II
Prerequisites: MATH 4613 or MATH 5003.
Description: Continuation of MATH 5003. Topics include group actions, the Sylow theorems, polynomial rings, field extensions, Galois theory, and the insolubility of the quintic. May not be used for degree credit with MATH 4623.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5023 Advanced Linear Algebra
Prerequisites: MATH 3013 and MATH 3613 with grades of "C" or better; grades of "B" or better recommended.
Description: A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and Hermitian forms, and dual spaces. Meets with MATH 4063. May not be used for degree credit with MATH 4063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5033 History of Mathematics
Prerequisites: MATH 2153 with a grade of "C" or better.
Description: Historical development of major mathematical ideas and methods from ancient times through the 18th century, with a brief survey of selected later developments. Includes contributions from diverse cultures and influences from astronomy and physics. The course will emphasize understanding historical techniques and relating them to current practice. The course provides background and historical perspectives for future math teachers. No credit for students with credit in MATH 4033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5043 Advanced Calculus I
Prerequisites: MATH 2163, MATH 3013, and MATH 4023 with grades of "C" or better; grades of "B" or better recommended.
Description: A rigorous treatment of calculus for functions of one and several variables. Elementary topology of Euclidean and metric spaces, continuity and uniform continuity, differentiation and integration in one variable. Meets with MATH 4143. May not be used for degree credit with MATH 4143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5053 Advanced Calculus II
Prerequisites: A grade of “C” or better in one of MATH 4143 or MATH 5043; grade of “B” or better recommended.
Description: Continuation of MATH 5043. A rigorous treatment of sequences and series of functions, uniform convergence, and differentiation and integration of vector-valued functions. Meets with MATH 4153. May not be used for degree credit with MATH 4153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5063 Calculus of Several Variables
Prerequisites: MATH 2163 and MATH 3013 with grades of "C" or better.
Description: Differential and integral calculus of functions of several variables, vector analysis, Stokes’ Theorem, Green’s Theorem and applications. May not be used for degree credit with MATH 4013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5073 Introduction to Analysis
Prerequisites: MATH 2153 and MATH 3613 with grades of "C" or better, or consent of instructor.
Description: An introduction to analysis of functions of one real variable emphasizing the reading and writing of mathematical proof. Basic logic, set theory, functions and relations, cardinality of sets. Structure of the real numbers, completeness, open and closed sets, compact sets. Convergence of sequences bounded and monotone sequences, subsequences. Limits of functions, continuity. May not be used for degree credit with MATH 4023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5083 Intermediate Analysis
Prerequisites: MATH 4023 with grade of “C” or better.
Description: Continuation of MATH 4023. Review of limits and continuity. Properties of continuous functions, uniform continuity, the derivative, the Mean Value Theorem. The Riemann integral, the Fundamental Theorem of Calculus. Infinite series, power series, pointwise and uniform convergence of series of functions. May not be used for degree credit with MATH 4083.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5133 Stochastic Processes
Prerequisites: MATH 2233, MATH 3013 and STAT 5123.
Description: Definition of stochastic processes, probability structure, mean and covariance function, the set of sample functions, stationary processes and their spectral analysis, renewal processes, counting analysis, discrete and continuous Markov chains, birth and death processes, exponential model, queuing theory. Same course as IEM 5133 & STAT 5133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5143 Real Analysis I
Prerequisites: MATH 4153 or MATH 5053.
Description: Measure theory, measurable functions, integration and differentiation of functions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5153 Real Analysis II
Prerequisites: MATH 5143.
Description: Differentiation with respect to measures. Aspects of point set topology: nets, locally compact spaces, product spaces. Elementary functional analysis: Hahn-Banach, uniform boundedness, open mapping theorems, weak topologies, Hilbert spaces. Riesz representation theorems: duals of Lebesgue spaces and spaces of continuous functions. Other topics may include: elements of Fourier analysis, distribution theory, Stone-Weierstrass theorem.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5193 Differentiable Manifolds
Prerequisites: MATH 4153 or MATH 5053; recommended MATH 4343 or MATH 5303.
Description: Differentiable manifolds and maps, tangent vectors, vector fields, integral curves, submanifolds, differential forms, and integration. Additional topics may be selected from: flows, Lie derivatives, the Frobenius theorem, structures defined by differential forms, vector bundles and de Rham theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5203 Intermediate Differential Equations
Prerequisites: MATH 2233 and MATH 3013 with grades of "C" or better.
Description: Systems of differential equations, series solutions, special functions, elementary partial differential equations, Sturm-Liouville problems, stability and applications. Previously offered as MATH 4653. May not be used for degree credit with MATH 4233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5213 Fourier Analysis and Wavelets
Prerequisites: MATH 4013 or MATH 4023.
Description: Orthogonal series expansions, Fourier series and integrals and boundary value problems. Haar wavelets and multiresolution analysis. Applications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5233 Partial Differential Equations
Prerequisites: MATH 4013, MATH 4143 and MATH 4233 or consent of instructor.
Description: Representation formulas for solutions of transport equation, Laplace's equation, heat equation and wave equation, mean value theorems, maximum principle, Green's functions, characteristics, eigenvalue problems, separation of variables, transform methods, variational methods, general theory of first order equations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5243 Ordinary Differential Equations
Prerequisites: MATH 4143 or MATH 5043; MATH 4233; MATH 5023.
Description: Banach space, contraction mapping principle, existence and uniqueness theorems, linear systems, higher-order linear equations, boundary value and eigenvalue problems, stability and asymptotic behavior, attractors, Gronwall's inequality, Liapunov method.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5253 Advanced Ordinary Differential Equations
Prerequisites: MATH 5243.
Description: Selected topics in ordinary differential equations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5263 Introduction to Partial Differential Equations
Prerequisites: MATH 2163 and MATH 2233 and MATH 3013 with grades of "C" or better.
Description: Solution of the standard partial differential equations (Laplace's equation, transport equation, heat equation, wave equation) by separation of variables and transform methods, including eigenfunction expansions, Fourier and Laplace transform. Boundary value problems, Sturm-Liouville theory, orthogonality, Fourier, Bessel, and Legendre series, spherical harmonics. May not be used for degree credit with MATH 4263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5273 Functions of a Complex Variable
Prerequisites: MATH 4013 with a grade of "C" or better or consent of instructor.
Description: Analytic functions of a complex variable, contour integrals, Taylor series and Laurent series, zeroes and singularities, residues and evaluation of integrals, conformal mapping, and applications. Previously offered as MATH 4673. May not be used for degree credit with MATH 4283.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5283 Complex Analysis I
Prerequisites: MATH 4153 or MATH 5053.
Description: Basic topology of the plane, functions of a complex variable, analytic functions, transformations, infinite series, integration and conformal mapping.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5293 Complex Analysis II
Prerequisites: MATH 5283.
Description: Riemann Mapping Theorem, meromorphic functions, analytic continuation, Dirichlet problem, and entire functions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5303 General Topology
Prerequisites: MATH 4023 or MATH 5073 or consent of instructor.
Description: Basic properties of topological spaces and continuous functions including connectedness, compactness, and separation and countability axioms. Metric, product, and quotient spaces, Urysohn's lemma, and Tietze extension theorem. May not be used for degree credit with MATH 4303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5313 Geometric Topology
Prerequisites: MATH 4613 or MATH 5003, MATH 5303.
Description: Manifolds, complexes, the fundamental group, covering spaces, combinatorial group theory, the Seifert-Van Kampen theorem, and related topics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5343 Introduction to Topology
Prerequisites: MATH 4023 with a grade of "C" or better.
Description: Topological spaces, basic point-set topology, introduction to surfaces and three-manifolds, introduction to knot theory, applications. May not be used for degree credit with MATH 4343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5403 Geometry
Prerequisites: MATH 3013 and MATH 3613 or consent of instructor.
Description: A rigorous and thorough development of plane geometry including lines, triangles, and circles. Congruence of figures using rigid motions and similarity using dilations. Construction of geometric figures. Additional topics may include non-Euclidean geometries and higher dimensional geometry. Same course as MATH 4043. May not be used for degree credit with 4403.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5413 Differential Geometry
Prerequisites: MATH 4013 or MATH 4143 or MATH 5043.
Description: Differential manifolds, vector fields, differential forms, connections, Riemannian metrics, geodesics, completeness, curvature, and related topics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5423 Geometry and Algorithms in Three-Dimensional Modeling
Prerequisites: MATH 2163 and MATH 3013 and (CS 1113 or ENGR 1412) with grades of "C" or better.
Description: A project-based introduction to 3D computer-aided design tools from a mathematical perspective. Students will learn some of the mathematical background behind computer representation and manipulation of 3D geometry and will apply their knowledge, via both graphical user and programming interfaces, to design and 3D-print models visualizing mathematical concepts. Written reports and oral presentation required. May not be used for degree credit with MATH 4423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5443 Differential Geometry of Curves and Surfaces
Prerequisites: MATH 2163 and MATH 3013 with grades of "C" or better.
Description: Calculus applied to curves and surfaces in three dimensions: length and curvature of plane curves, graphs and level sets, surfaces, tangent spaces, vector fields, orientation. Local and global theory of curves and surfaces, intrinsic and extrinsic geometry, the Gauss-Bonnet Theorem, applications. May not be used for degree credit with MATH 4443.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5453 Mathematical Interest Theory
Prerequisites: MATH 2153 and MATH 2233 with grades of "C" or better.
Description: Fundamental concepts of financial mathematics including simple and compound interest, inflation, yield rates, and equations of value for annuities, stocks, bonds, and other financial instruments. Determining equivalent measures of interest, determining yield rates, estimating rates of return, amortization. Useful in preparing for the actuarial FM exam. May not be used for degree credit with MATH 4453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5473 Financial Calculus
Prerequisites: MATH 2153 and (STAT 4123 or STAT 4302 or STAT 5123 or STAT 5253) or consent of instructor.
Description: Introduction to derivative pricing and market derivatives. Introduction to the Ito-Doeblin calculus and martingales; the martingale properties of Brownian motion, the Black-Scholes-Merton theory as a simple, special case of martingale pricing, market models of modern fixed income pricing. Insurance, hedging, and options.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5503 Introduction to Optimization
Prerequisites: MATH 2163 and MATH 3013 with grades of "C " or better.
Description: A survey of optimization theory and methods for functions of several variables. Unconstrained optimization, gradient methods. Linear programming, simplex method, duality. Nonlinear constrained optimization. May not be used for degree credit with MATH 4553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5513 Introduction to Numerical Analysis
Prerequisites: MATH 2233 and MATH 3013 with grades of "C" or better and knowledge of programming, or consent of instructor.
Description: Computer arithmetic and round-off errors, numerical solution to nonlinear equations, interpolation, numerical differentiation and integration, numerical solutions to ordinary differential equations, error analysis for numerical solutions and approximations. Additional topics may include direct and iterative solutions for linear systems of equations. May not be used for degree credit with MATH 4513 or CS 4513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5533 Matrix Methods in Machine Learning
Prerequisites: MATH 3013 with grade of "C" or better and knowledge of computer programming, or consent of instructor.
Description: Introduction to matrix methods and other mathematical tools used in machine learning. Topics include linear equations, matrix factorizations, eigenvalue and singular value decompositions, and real-world applications such as data mining and pattern recognition. May not be used for degree credit with MATH 4533.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5543 Numerical Analysis for Differential Equations
Prerequisites: MATH 4233, MATH 4513 or CS 4513.
Description: Advanced machine computing, algorithms, analysis of truncation and rounding errors, convergence and stability applied to discrete variables, finite elements, and spectral methods in ordinary and partial differential equations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5553 Numerical Analysis for Linear Algebra
Prerequisites: MATH 3013, and MATH 4513 or CS 4513.
Description: Advanced machine computing, algorithms, analysis of rounding errors, condition, convergence, and stability applied to direct and iterative solution of linear systems of equations, linear least squares problems, and algebraic eigenvalue problems, including LU and QR factorization, conjugate gradients, QR algorithm, and Lanczos method.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5563 Finite Element Methods for Partial Differential Equations
Prerequisites: MATH 4023; MATH 4263; and MATH 4513 or CS 4513 or equivalent. MATH 4143 or MATH 5043 preferred.
Description: Theory and practice of finite element methods, including elliptic boundary value problems, weak formulations, the Ritz-Galerkin method, conforming and non-conforming finite elements, error estimates, and numerical experiments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5573 Introduction to Mathematical Epidemiology
Prerequisites: MATH 2163, Calculus III, Math 2233, Differential Equations, and Math 3013, Linear Algebra, with grades of "C" or better; and basic experience coding in MATLAB, Python, R, or similar programming language, or consent of instructor.
Description: An introduction to the process of applying mathematical and computational techniques to understand the dynamics of infectious diseases. Classical epidemic models including the Kermack-McKendrick SIR model and its variations. The basic reproduction number as a measure of pathogen transmissibility. Mathematical aspects of epidemic models including steady states and stability analysis. Numerical solutions and simulations of infectious disease models. Includes independent projects, written reports, and oral presentations. May not be used for degree credit with MATH 4573.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5580 Case Studies in Applied Mathematics
Prerequisites: MATH 2233, MATH 4013, and knowledge of computer programming.
Description: Selected mathematical problems from industry. Independent problem-solving, oral presentation of solutions, and technical report writing. Seminar-style format. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 5593 Methods of Applied Mathematics
Prerequisites: MATH 2233, MATH 4013, and knowledge of computer programming.
Description: Continuous and discrete techniques in modern applied mathematics. Positive definite matrices, eigenvalues and dynamical systems, discrete and continuous equilibrium equations, least squares estimation and the Kalman filter, potential flow, calculus of variations, network flows, and combinatorics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5613 Algebra I
Prerequisites: MATH 4613 or MATH 5003.
Description: A rigorous treatment of classical results in group theory, ring theory, and field theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5623 Algebra II
Prerequisites: MATH 5613.
Description: A rigorous treatment of classical results in module theory, multilinear algebra, and representation theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5653 Data Engineering
Prerequisites: IEM 5083 and (STAT 5253 or STAT 5123 or IEM 5003) and intermediate knowledge of Python and R.
Description: Advanced data engineering and data mining methods to solve problems under data-rich scenarios. Topics covered include a review of supervised learning, detailed discussion of unsupervised learning, and data engineering tools such as data visualization and data preprocessing. Cutting-edge data mining methods are introduced and applied to real-world data sets in various areas such as manufacturing, health care, and agriculture. Same course as IEM 5653 and STAT 5653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5673 Combinatorics
Prerequisites: MATH 3013 with a grade of "C" or better.
Description: Introduction to graph theory and network theory, counting techniques, generating functions, recurrence relations, and difference equations. May not be used for degree credit with MATH 4663.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5713 Number Theory
Prerequisites: MATH 3613 with a grade of "C" or better.
Description: Divisibility of integers, congruencies, quadratic residues, distribution of primes, continued fractions and the theory of ideals. May not be used for degree credit with MATH 4713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5753 Introduction to Cryptography
Prerequisites: MATH 3013 and (MATH 3613 or CS 3653) with grades of "C" or better.
Description: Classical and modern techniques for transmitting and managing information in the presence of eavesdroppers or adversaries and the mathematical principles on which they are based. Symmetric and asymmetric ciphers such as RSA and public key cryptography. Modular arithmetic, the factoring problem, and the discrete logarithm problem. May not be used for degree credit with MATH 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5803 Groups and Representations
Prerequisites: MATH 3013 and MATH 3613 with grades of "C" or better, or consent of instructor.
Description: An introduction to groups, group actions, symmetry groups, representations and characters. Further topics may include infinite symmetry groups, applications to chemistry and physics, finite isometry groups and geometry. May not be used for degree credit with MATH 4813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5893 Advanced Perspectives on Secondary and Collegiate Mathematics
Prerequisites: MATH 3613 and MATH 4023 and enrollment in a graduate program in Mathematics, or consent of instructor.
Description: A conceptually rigorous treatment of core topics in secondary and collegiate mathematics for mathematics educators, including functions, rates of change, modeling with polynomial, rational and transcendental functions, the fundamental theorem of calculus, and connections between secondary and collegiate mathematics. Emphasis on productive ways of reasoning in secondary and collegiate mathematics, including quantitative and covariational reasoning, and developing teachers' ability to teach for understanding. May not be used for degree credit with MATH 3303 or 4893.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5903 Seminar and Practicum in the Teaching of College Mathematics
Prerequisites: Graduate standing in mathematics or consent of instructor.
Description: Foundations of college mathematics teaching, including lecturing, grading and exam preparation. Adapting classroom activities to better serve different types of learners. Current trends in mathematics education such as calculus reform, cooperative learning, and technology in the classroom. Previously offered as MATH 5902.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 5913 Introduction to Research in Mathematics Education
Prerequisites: MATH 3613 or MATH 4023 or equivalent.
Description: Examination and critique of research in mathematics education. A comparative study of research design, analysis, and reporting of both qualitative and quantitative research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6000 Doctoral Research and Dissertation
Prerequisites: Consent of advisory committee.
Description: Directed reading and research culminating in the PhD or EdD thesis. Offered for variable credit, 1-9 credit hours, maximum of 24 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6010 Advanced Seminar in Mathematics
Prerequisites: Consent of instructor and student's advisory committee.
Description: Directed reading on advanced topics in mathematics. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6090 Doctoral Research Project
Prerequisites: Consent of advisory committee.
Description: Directed reading and research culminating in preliminary doctoral research project. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6143 Functional Analysis I
Prerequisites: MATH 4613 or MATH 5003 or MATH 5023, MATH 5153, MATH 5303.
Description: Theory of topological vector spaces including metrizability, consequences of completeness, Banach spaces, weak topologies, and convexity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6213 Harmonic Analysis
Prerequisites: MATH 5153, MATH 5283.
Description: Classical results giving connections among the size of a harmonic or analytic function on a complex domain, the existence and smoothness of its boundary values, and behavior of the Fourier series; selected extensions, related topics and applications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6233 Advanced Partial Differential Equations
Prerequisites: MATH 5233 or consent of instructor.
Description: Schwarz class, tempered distributions, basic linear functional analysis, Holder spaces, Sobolev spaces, spaces involving time, Sobolev inequalities, existence and regularity theory of second-order elliptic, parabolic, and hyperbolic equations, semigroup theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6263 Potential Theory
Prerequisites: MATH 5153 and MATH 5283.
Description: Subharmonic and superharmonic functions, potentials, energy problems (including problems with external fields), equilibrium measures, capacities, Dirichlet problems, regularity, Green functions, harmonic measures, conformal mappings, and applications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6283 Several Complex Variables
Prerequisites: MATH 5283.
Description: Elements of function theory of several complex variables, including extension phenomena, domains of holomorphy, notions of convexity, holomorphic maps, and complex analytic varieties.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6290 Topics in Analysis
Prerequisites: Consent of instructor.
Description: Advanced topics in analysis. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6323 Algebraic Topology I
Prerequisites: MATH 5313.
Description: Chain complexes, homology and cohomology groups, the Eilenberg-Steenrod axioms, Mayer-Vietoris sequences, universal coefficient theorems, the Eilenberg-Zilber theorem and Kunneth formulas, cup and cap products, and duality in manifolds.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6390 Topics in Topology
Prerequisites: Consent of instructor.
Description: Advanced topics in topology. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6433 Algebraic Geometry
Prerequisites: MATH 5623.
Description: Affine and projective varieties, dimension, algebraic curves, divisors and Riemann-Roch theorem for curves.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6453 Complex Geometry
Prerequisites: MATH 5283.
Description: Complex manifolds, analytic sheaves, differential forms, Dolbeault cohomology, Hodge theory, line bundles, divisors, Kodaira embedding, and vanishing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6490 Topics in Geometry
Prerequisites: Consent of instructor.
Description: Advanced topics in geometry. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6513 Theoretical Numerical Analysis
Prerequisites: MATH 5153, MATH 5543 or CS 5543, and MATH 5553 or CS 5553.
Description: An advanced theoretical treatment based on function spaces and operator theory of algorithms for machine computing and analysis of errors.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6590 Topics in Applied Mathematics
Prerequisites: Consent of instructor.
Description: Advanced topics in applied mathematics. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6613 Commutative Algebra
Prerequisites: MATH 5623.
Description: Commutative rings, exactness properties of modules, tensor products, integral dependence, chain conditions, completions, filtrations, local rings, dimension theory, and flatness.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6623 Homological Algebra
Prerequisites: MATH 5623.
Description: Closed and projective classes, resolution and derived functors, adjoint theorem, construction of projective classes in the categories of groups, rings and modules; categories, Abelian categories.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6690 Topics in Algebra
Prerequisites: Consent of instructor.
Description: Advanced topics in algebra. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6713 Analytic Number Theory
Prerequisites: MATH 4283 or MATH 5283.
Description: Arithmetic functions, Zeta and L functions, distribution of primes and introduction to modular forms.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6723 Algebraic Number Theory
Prerequisites: MATH 5013 or MATH 5623.
Description: Number fields, ideal theory, units, decomposition of primes, quadratic and cyclotomic fields, introduction to local fields.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6790 Topics in Number Theory
Prerequisites: Consent of instructor.
Description: Advanced topics in number theory. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6813 Lie Groups and Representations
Prerequisites: MATH 4153 or MATH 5053, MATH 4613 or MATH 5003, MATH 5303.
Description: Differentiable manifolds, vector fields, Lie groups, exponential map, homogeneous spaces, representations of compact Lie groups, and maximal tori.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6823 Lie Algebras
Prerequisites: MATH 5013 and MATH 5023.
Description: Matrix groups, Lie algebras, root systems, structure of semisimple Lie algebras, universal enveloping algebra, and representations of lie algebras.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6890 Topics in Representation Theory
Prerequisites: Consent of instructor.
Description: Advanced topics in representation theory. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

MATH 6923 Research in Undergraduate Mathematics Education
Prerequisites: MATH 5913.
Description: Continuation of MATH 5913 with an emphasis on design of research in undergraduate mathematics education. Development of research questions, review of the literature, data collection and analysis, development and evaluation of research proposals, reporting research results.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Mathematics

MATH 6990 Topics in Collegiate Mathematics Education
Prerequisites: Consent of instructor.
Description: Advanced topics in collegiate mathematics education. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Mathematics

Undergraduate Programs

- Mathematics, BA (p. 1578)
- Mathematics, BS (p. 1581)
- Mathematics: Actuarial Science and Financial Mathematics, BS (p. 1584)
- Mathematics: Applied Mathematics, BS (p. 1587)
- Mathematics: Data Science, BS (p. 1591)
- Mathematics: Pre-Law, BS (p. 1594)
- Mathematics: Pre-Medical Sciences, BS (p. 1597)
- Mathematics: Secondary Teacher Certification, BS (p. 1600)

Graduate Programs

The Department of Mathematics offers programs leading to the Master of Science and Doctor of Philosophy degrees.

Prerequisites

A student beginning graduate study in mathematics is expected to have had, as an undergraduate, at least 18 semester hours in mathematics beyond elementary integral calculus including courses in differential equations, linear algebra, modern algebra and modern analysis. An applicant whose preparation is deficient may be admitted to the program, if otherwise qualified, but will be required to correct the deficiency, increasing somewhat the time required to complete work for the degree. Prospective graduate students are advised to take at least introductory courses in related fields such as physics, statistics and computer science.

The Master of Science Degree

The department offers three tracks in the Master of Science degree, computational and applied mathematics, mathematics education and pure mathematics. Each degree requires 33 credit hours of graduate course work in mathematics or related subjects. Two of these hours are waived if a master's thesis is written. Each student must have a grade of "A" or "B" in 18 hours of core coursework.

The Doctor of Philosophy Degree

The department offers three tracks for the PhD degree: applied mathematics, mathematics education and pure mathematics. Admission to the PhD program is granted only to students with superior records in their previous graduate or undergraduate study. A minimum of 90 semester credit hours of graduate credit beyond the bachelor's degree or 60 hours of beyond the master's degree is required for the PhD degree. Each student has an individual doctoral committee that advises the student in the formulation of an approved plan of study for the degree. Each student must have a grade of "A" or "B" in 15 hours of core coursework, complete a preliminary research project, and pass a qualifying exam.

The most important requirement for the PhD degree is the preparation of an acceptable dissertation. This dissertation must demonstrate the candidate's ability to do independent, original work in mathematics, or mathematics education.

Minors

- Actuarial Science (ACSC), Minor (p. 1576)
- Mathematics (MATH), Minor (p. 1577)

Faculty

Jay Schweig, PhD—Head and Associate Professor
Professors: Leticia Barchini, PhD; Christopher Francisco, PhD (Vice Provost); Amit Ghosh, PhD; Anthony Kable, PhD; JaEun Ku, PhD; Jiří Lebl, PhD; Lisa A. Mantini, PhD; Jeffrey Mermin, PhD; J. Robert Myers, PhD; Alan Noell, PhD; Michael Oehrtman, PhD (Noble Professor); Igor Pritsker, PhD (Vaughn Professor); Edward Richmond, PhD; Henry Segerman, PhD; Eduardo Teixeira, PhD (Kerr Chair)
Associate Professors: Mahdi Asgari, PhD; John Paul Cook, PhD; Sean Curry, PhD; John Doyle, PhD (Associate Head); Paul Fili, PhD; Ning Ju, PhD; Anand Patel, PhD; Michael Tallman, PhD; Xukai Yan, PhD; Xu Zhang, PhD
Assistant Professors: Melissa Emory, PhD; Maria Fox, PhD; Cuiyu He, PhD; Dami Lee, PhD; Lucas Martins Stolerman, PhD; Jayan Mukherjee, PhD
Teaching Professor: Melissa Mills, PhD
Teaching Associate Professors: Lee Ann Brown, MS; Allison Dorko, PhD; Cynthia Francisco, MS
Teaching Assistant Professors: Detelin Dosev, PhD; Katiuscia Teixeira, PhD; Donna Rae Tree, MS
Postdoctoral Fellows: Nathan Lesnevich, PhD; Ritika Nair, PhD; Ahmed Zytoon, PhD
Professors Emeriti: Alan Adolphson, PhD; Douglas B. Aichele, EdD; Dale E. Alspach, PhD; Dennis Bertholf, PhD; Birne Binegar, PhD; James R. Choike, PhD; Bruce C. Crauder, PhD; Benny Evans, PhD; William Jaco, PhD; Marvin S. Keener, PhD; Weiping Li, PhD; John Wolfe, PhD; David J. Wright, PhD; Roger Zierau, PhD

Actuarial Science (ACSC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade-Point Average: 2.50 with no grade below "C."
Total Hours: 28

Code	Title	Hours
Required Courses		
ACCT 2003	Survey of Accounting [1]	3
ECON 2103	Introduction to Microeconomics (S) [1]	3
FIN 3113	Finance [1, 2]	3
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 4453	Mathematical Interest Theory [2]	3
STAT 4203	Mathematical Statistics I [2]	3
or STAT 4123	Probability Theory	
Total Hours		**28**

[1] Courses intended to meet the Society of Actuaries VEE (Validation by Educational Experience) requirements should be completed with a grade of "B" or better.

[2] All upper-division courses must be completed at OSU.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Mathematics (MATH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.00 with no grade below "C."
Total Hours: 22

Code	Title	Hours
Minor Requirements		
MATH 2144	Calculus I (A)	4
MATH 2153	Calculus II (A)	3
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (A)	3
Select 9 hours of MATH for which Calculus II (MATH 2153) is a prerequisite. [1]		9
Total Hours		**22**

[1] 6 hours must be upper-division; 3 hours must be at the 4000-level. MATH 3303 Advanced Perspectives on Secondary Mathematics is not permitted.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Mathematics, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
CS 1103	Computer Programming (Q) [1]	3
or CS 1113	Computer Science I (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
MATH 2153	Calculus II (Q)	3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum grade of "C" or "P" required in each course		
Major Foundation (18 hours)		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
Select 3 hours of the following:		3
STAT 4013	Statistical Methods I (Q)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (Q)	
Select 3 hours of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Introduction to Mathematical Research	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
Tracks (24 hours)		
Select one track (p. 1578)		24
Hours Subtotal		**42**
Electives		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental requirements that may be used to meet General Education requirements.

Tracks

General Track

Code	Title	Hours
Select 6 hours from the following courses with MATH 3613 as a prerequisite:		6
MATH 4023	Introduction to Analysis	
MATH 4083	Intermediate Analysis	

MATH 4143	Advanced Calculus I	
MATH 4153	Advanced Calculus II	
MATH 4343	Introduction to Topology	
MATH 4403	Geometry	
MATH 4613	Abstract Algebra I	
MATH 4623	Abstract Algebra II	
MATH 4713	Number Theory	
MATH 4813	Groups and Representations	
Select 9 hours from MATH courses numbered 4000 or above or STAT 4203, excluding 0-ending and Thesis courses		9
Select 3 hours from 4000-level courses in MATH or STAT or upper-division courses in CS or PHYS		3
Select 6 hours from upper-division courses in any field		6

Advanced Studies Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
MATH 4143	Advanced Calculus I [2]	3
or MATH 4083	Intermediate Analysis	
MATH 4613	Abstract Algebra I [2]	3
or MATH 4813	Groups and Representations	
Select 6 hours from the following, with one course from each of two different groups:		6
Calculus or Complex Analysis		
MATH 4283	Functions of a Complex Variable [2]	
or MATH 4013	Calculus of Several Variables	
Geometry or Topology		
MATH 4343	Introduction to Topology [2]	
or MATH 4443	Differential Geometry of Curves and Surfaces	
Applied Math		
MATH 4513	Introduction to Numerical Analysis	
or MATH 4263	Introduction to Partial Differential Equations	
Combinatorics or Number Theory		
MATH 4663	Combinatorics	
or MATH 4713	Number Theory	
Probability		
STAT 4203	Mathematical Statistics I	
or STAT 4123	Probability Theory	
Select 3 hours from 4000-level courses in MATH, excluding 0-ending or Thesis courses		3
Select 6 hours from 4000-level courses in MATH or STAT		6

[2] Courses recommended as preparation for doctoral study include MATH 4143, 4153, 4283, 4343, 4613, and 4623.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study
Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
General Education courses		7
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
	Hours	**16**
Spring		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		3
	Hours	**13**
Junior		
Fall		
MATH 3613	Introduction to Abstract Algebra	3
1713 First Semester Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
MATH 4023	Introduction to Analysis	3
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Mathematics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
MATH 2153	Calculus II (Q)	3
CS 1103	Computer Programming (Q)	3
or CS 1113	Computer Science I (Q)	
Select three additional hours		3
See note 2.b.		
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
A minimum grade of "C" or "P" required in each course. Minimum 2.0 GPA in all MATH courses.		
Major Foundation (18 hours)		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
Select one of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Introduction to Mathematical Research	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
Select one of the following:		3
STAT 4013	Statistical Methods I (Q)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (Q)	
Tracks (24 hours)		
Select one track (p. 1582)		24
Hours Subtotal		**42**
Electives		
Select 25 hours [2]		25
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**25**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education requirements.
[2] With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.

Tracks

General Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
Select 12 hours of 4000-level courses in MATH or STAT 4123 or STAT 4203, excluding 0-ending or Thesis courses.		12
Select 3 hours of 4000-level courses in MATH or STAT or upper-division CS or PHYS or CHEM 3433, or ENSC 3233		3
Select 6 hours of upper division courses in any field [2]		6

[2] With departmental approval, up to 30 hours from an accredited doctoral law or health program may be substituted for these areas.

Advanced Studies Track

Code	Title	Hours
MATH 4023	Introduction to Analysis	3
MATH 4143	Advanced Calculus I [3]	3
or MATH 4083	Intermediate Analysis	
MATH 4613	Abstract Algebra I [3]	3
or MATH 4813	Groups and Representations	
Select 6 hours from the following with one course from each of two different groups:		6
Calculus or Complex Analysis		
MATH 4283	Functions of a Complex Variable [3]	
or MATH 4013	Calculus of Several Variables	
Geometry or Topology		
MATH 4343	Introduction to Topology [3]	
or MATH 4443	Differential Geometry of Curves and Surfaces	
Applied Math		
MATH 4513	Introduction to Numerical Analysis	
or MATH 4263	Introduction to Partial Differential Equations	
Combinatorics or Number Theory		
MATH 4663	Combinatorics	
or MATH 4713	Number Theory	
Probability		
STAT 4203	Mathematical Statistics I	
or STAT 4123	Probability Theory	
Select 3 hours from 4000-level MATH excluding 0-ending and Thesis courses		3
Select 6 hours from 4000-level courses in MATH or STAT		6

[3] Courses recommended as preparation for doctoral study include MATH 4143, 4153, 4283, 4343, 4613, and 4623.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
General Education courses		7
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		9
	Hours	**16**
Spring		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		3
	Hours	**13**
Junior		
Fall		
MATH 3613	Introduction to Abstract Algebra	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
MATH 4023	Introduction to Analysis	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Mathematics: Actuarial Science and Financial Mathematics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
CS 1103	Computer Programming (Q) [1]	3
or CS 1113	Computer Science I (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
Exploring Society & Human Behavior (S)		
ECON 2103	Introduction to Microeconomics (S) [1,2]	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course in Major Requirements.		
Mathematics Core (30 hours)		
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4453	Mathematical Interest Theory [3]	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 4053	Statistical Methods I for the Social Sciences (Q)	
STAT 4123	Probability Theory [3]	3
or STAT 4203	Mathematical Statistics I	
Select 9 hours of the following:		9
MATH 4013	Calculus of Several Variables	
MATH 4023	Introduction to Analysis	
MATH 4083	Intermediate Analysis	
MATH 4233	Intermediate Differential Equations	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	
MATH 4553	Introduction to Optimization	
MATH 4573	Introduction to Mathematical Epidemiology	
MATH 4663	Combinatorics	
MATH 4753	Introduction to Cryptography	
MATH 5473	Financial Calculus	
STAT 4213	Mathematical Statistics II [2]	
Select 3 hours of the following:		3
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
STAT 4043	Applied Regression Analysis	
Professional Requirements (21 hours)		
ACCT 2003	Survey of Accounting [2]	3
ECON 2203	Introduction to Macroeconomics [2]	3
FIN 3113	Principles of Finance [2]	3
Select 3 hours of the following:		3
FIN 4223	Investments [4]	
FIN 4333	Financial Modeling	
FIN 4763	Financial Futures and Options Markets	

FIN 4843	Risk Management	
FIN 3613	General Insurance	
Select 3 hours of the following:		3
CS 1113	Computer Science I (Q)	
ENGR 1412	Introductory Engineering Computer Programming	
MSIS 3333	Database Systems Development	
MSIS 4673	Data Visualization	
STAT 4091	Sas Programming	
STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
Select 6 hours of the following:		6
4000-level courses in MATH or STAT		
STAT 5053	Time Series Analysis	
ECON 3113	Intermediate Microeconomics [4]	
Upper-division courses in AGEC, ECON, or FIN		
Hours Subtotal		**51**
Electives		
Select 16 hours		16
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Recommended:		
BCOM 3113	Written Communication	
or BCOM 3223	Oral Communication	
or SPCH 3723	Business and Professional Communication	
MKTG 3213	Marketing (S) [5]	
MGMT 3013	Fundamentals of Management (S) [5]	
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education requirements.

[2] Minimum grade of "B" required for the Society of Actuaries' Validation by Educational Experience (VEE) certification. See soa.org/education/exam-req/edu-vee/.

[3] Minimum grade of "B" recommended as preparation for Society of Actuaries' preliminary exams, along with additional self-study from exam preparation materials as needed. See soa.org/education/exam-req/edu-asa-req/.

[4] Recommended for pre-MSQF preparation.

[5] Recommended for pre-MBA preparation.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
General Education courses		6
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (Q)	3
General Education courses		9
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
STAT 4013	Statistical Methods I (Q)	3
ACCT 2003	Survey of Accounting	3
General Education courses		3
	Hours	**16**
Spring		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
ECON 2103	Introduction to Microeconomics (S)	3
College and Elective courses		3
	Hours	**16**
Junior		
Fall		
MATH 3613	Introduction to Abstract Algebra	3
STAT 4203	Mathematical Statistics I	3
ECON 2203	Introduction to Macroeconomics	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
MATH 4023	Introduction to Analysis	3
MATH 4453	Mathematical Interest Theory	3
FIN 3113	Principles of Finance	3
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		14
	Hours	**14**
	Total Hours	**120**

Mathematics: Applied Mathematics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 1113	Computer Science I (Q)	3
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course in Major Requirements.		
Mathematics Core (33 hours)		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
Select 3 hours from the following:		3
STAT 4013	Statistical Methods I (Q)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (Q)	
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4513	Introduction to Numerical Analysis	3
or MATH 4553	Introduction to Optimization	
MATH 4233	Intermediate Differential Equations	3
or MATH 4263	Introduction to Partial Differential Equations	
Select 9 hours from 4000-level MATH or STAT 4203, excluding 0-ending or Thesis courses. At most 3 hours may be outside MATH.		9
Select 3 hours from 4000-level MATH or STAT or upper-division CS or PHYS or CHEM 3433 or ENSC 3233		3
Applications of Mathematics (18 hours)		
ECON 2103	Introduction to Microeconomics (S)	3
or ECON 2003	Microeconomic Principles for Business	
Select 3 hours from the following:		3
CS 1103	Computer Programming (Q)	
CS 2133	Computer Science II	
CS 2433	C/C++ Programming	
ENGR 1412	Introductory Engineering Computer Programming	
STAT 4091	Sas Programming	
STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
Select 9 hours from one Area of Application (p. 1588) [2]		9
Select 3 hours from the following:		3
4000-level MATH or STAT		
Upper-division CS or PHYS		
Upper-division course from the Area of Application		
Hours Subtotal		**51**
Electives		

Select 16 hours	16
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
Hours Subtotal	**16**
Total Hours	**120**

Area of Application

Agricultural Economics

Code	Title	Hours
AGEC 3213	Quantitative Methods in Agricultural Economics	3
AGEC 3333	Agricultural Marketing and Price Analysis	3
AGEC 4213	Advanced Quantitative Methods in Agricultural Economics	3
or AGEC 4333	Commodity Futures Markets	

Bioinformatics

Code	Title	Hours
MICR 2123	Introduction to Microbiology [3]	3
MICR 3033	Cell and Molecular Biology	3
MICR 4203	Bioinformatics	3

Cognitive Sciences

Code	Title	Hours
CS 3353	Data Structures and Algorithm Analysis I	3
CS 4793	Artificial Intelligence I	3
PSYC 3173	Introduction to Cognitive Science (N)	3
One of the following is recommended:		
PHIL 4003	Mathematical Logic and Computability	
PHIL 4313	Philosophy of Mind (H)	
PHIL 4543	Philosophy of Language	

Economics

Code	Title	Hours
ECON 2203	Introduction to Macroeconomics	3
ECON 3113	Intermediate Microeconomics	3
or ECON 3123	Intermediate Macroeconomics	
Select 3 hours of upper division ECON		3

Energy Finance

Code	Title	Hours
ACCT 2003	Survey of Accounting	3
FIN 3113	Principles of Finance	3
Select 3 hours from the following:		3
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
FIN 4003	Introduction to Energy Business	
FIN 4363	Energy Finance	

Engineering

Code	Title	Hours
Select 9 hours from one of the following prefixes, with 6 hours upper division: CHE, CIVE, ECEN, IEM, or MAE.		9

Finance

Code	Title	Hours
ACCT 2003	Survey of Accounting	3
FIN 3113	Principles of Finance	3
Select 3 hours of the following:		3
FIN 4223	Investments	
FIN 4333	Financial Modeling	
FIN 4763	Financial Futures and Options Markets	
FIN 4843	Risk Management	

Geographic Information Science

Code	Title	Hours
GEOG 4203	Fundamentals of Geographic Information Systems	3
GEOG 4343	Geographic Information Systems: Resource Management Applications	3
or GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
Select 3 hours of the following:		3
GEOG 3333	Spatial Analysis (Q)	
GEOG 4333	Remote Sensing	
GEOG 4383	Geospatial Programming with Python and AI Tools	

Geophysical Analysis

Code	Title	Hours
ENSC 2113	Statics	3
ENSC 3233	Fluid Mechanics	3
GEOL 4103	Introduction to Geophysical Exploration	3

Operations Research

Code	Title	Hours
IEM 3103	Probability and Statistics for Engineers I	3
IEM 3703	Probability and Statistics for Engineers II	3
IEM 4013	Operations Research	3

Physics

Code	Title	Hours
PHYS 2203	University Physics III	3
Select 6 hours of upper-division PHYS		6

Alternative Area of Application

Code	Title	Hours
With departmental approval, an alternative area of application may be completed as long as it includes at least 9 hours, with 6 hours upper division.		9

[1] College and Departmental Requirements that may be used to meet General Education requirements.

[2] An alternative 9-hour plan with at least 6 upper-division hours may be used with Departmental approval.

[3] If Bioinformatics is selected, additional required courses BIOL 1114 or (BIOL 1113 and 1111) and (CHEM 1215 or 1314 or 1414) may be used to meet Additional General Education, Natural and Mathematical Sciences, or Elective requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
General Education courses		7
	Hours	**15**

Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (Q)	3
General Education courses		9
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		8
	Hours	**15**
Spring		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		5
	Hours	**15**
Junior		
Fall		
MATH 3613	Introduction to Abstract Algebra	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
MATH 4023	Introduction to Analysis	3
Major, College, and Elective courses		12
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Mathematics: Data Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
CS 1113	Computer Science I (Q) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 2133	Computer Science II	3
MATH 2153	Calculus II (Q)	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 4053	Statistical Methods I for the Social Sciences (Q)	
See note 2.b.		
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA of 2.50 and minimum grade of “C” or “P” required in each course in Major Requirements.		
Major core (33 hours)		
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 3583	Introduction to Mathematical Modeling	3
MATH 4533	Matrix Methods in Machine Learning	3
MATH 4663	Combinatorics	3
STAT 4043	Applied Regression Analysis	3
STAT 4203	Mathematical Statistics I	3
6 hours from 4000-level MATH excluding 0-ending or thesis courses.		6
Data Science Requirements (18 hours)		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 4433	Introduction to Database Systems	3
Select 3 hours from the following:		3
CS 3443	Computer Systems	
CS 4523	Cloud Computing and Distributed Systems	
CS 4783	Machine Learning	
CS 4883	Social Issues in Computing	
Select 9 hours from the following, with at least 3 hours upper-division:		9
CS 1103	Computer Programming (Q)	
CS 2351	Unix Programming	
CS 2433	C/C++ Programming	
Upper-division courses in CS		
ENGR 1412	Introductory Engineering Computer Programming	
4000-level courses in MATH		
MSIS 2103	Business Data Science Technologies	
MSIS 3223	Principles of Data Analytics	
MSIS 3293	Business Analytics Programming	
MSIS 3333	Database Systems Development	
MSIS 4333	Data Wrangling	
MSIS 4673	Data Visualization	
STAT 4023	Statistical Methods II	
STAT 4091	Sas Programming	

STAT 4191	R Programming	
STAT 4193	SAS and R Programming	
STAT 4213	Mathematical Statistics II	
STAT 4463	Statistical Machine Learning with R	
Hours Subtotal		**51**
Electives		
Select 16 hours		16
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113	Composition I	3
MATH 2144	Calculus I (Q)	4
CS 1113	Computer Science I (Q)	3
General Education		4
	Hours	**15**
Spring		
ENGL 1213	Composition II	3
MATH 2153	Calculus II (Q)	3
CS 2133	Computer Science II	3
General Education or Electives		6
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education, College, Major, or Electives		5
	Hours	**15**
Spring		
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
MATH 3013	Linear Algebra (Q)	3
MATH 2233	Differential Equations	3
General Education, College, Major, or Electives		5
	Hours	**15**
Junior		
Fall		
MATH 3583	Introduction to Mathematical Modeling	3
MATH 3613	Introduction to Abstract Algebra	3
STAT 4203	Mathematical Statistics I	3
General Education, College, Major, or Electives		6
	Hours	**15**
Spring		
MATH 4663	Combinatorics	3
General Education, College, Major, or Electives		12
	Hours	**15**
Senior		
Fall		
CS 3353	Data Structures and Algorithm Analysis I	3
General Education, College, Major, or Electives		12
	Hours	**15**
Spring		
CS 4433	Introduction to Database Systems	3
General Education, College, Major, or Electives		12
	Hours	**15**
	Total Hours	**120**

Mathematics: Pre-Law, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
CS 1103	Computer Programming (Q) [1]	3
or CS 1113	Computer Science I (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
or PHYS 2014	University Physics I (LN)	
Course designated (N)		2
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 4053	Statistical Methods I for the Social Sciences (Q)	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
A minimum grade of "C" or "P" is required in each course.		
Mathematics Core (30 hours)		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
Select 3 hours of the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Introduction to Mathematical Research	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 4023	Introduction to Analysis	3
MATH 4663	Combinatorics	3
Select 9 hours from 4000-level courses in MATH or STAT 4203, excluding 0-ending and Thesis courses.		9
Select 3 hours of the following:		3
4000-level MATH or STAT		
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
Upper-division CS or PHYS		
Pre-Law Preparation (21 hours) [2]		
ACCT 2003	Survey of Accounting	3
ECON 2103	Introduction to Microeconomics (S)	3
ENGL 3323	Technical Writing	3
SPCH 3733	Elements of Persuasion (S)	3
Select 9 hours, including 6 upper-division hours, of the following:		9
AGEC 3713	Agricultural Law	
ECON 2203	Introduction to Macroeconomics	
ECON 3113	Intermediate Microeconomics	
ECON 3123	Intermediate Macroeconomics	
ECON 3213	Game Theory and Experimental Economics	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ECON 3823	American Economy: The Past and Present (S)	
ENGR 4113	Intellectual Property Law for Technical Professionals (S)	
FIN 3113	Principles of Finance	
HIST 4513	Economic History of the US (S)	
HONR 2013	Honors Law and Legal Institutions (S)	

LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3013	Fundamentals of Management (S) [3]	
MKTG 3213	Marketing (S) [3]	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 2023	The Individual And The Law	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
PSYC 4143	Psychology and Law	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4313	Sociology of Law	
Hours Subtotal		**51**
Electives		
Select 16 hours [2]		16
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Recommended courses:		
PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
SPCH 2713	Introduction to Speech Communication (S)	
See http://preprofessional.okstate.edu for additional information.		
Hours Subtotal		**16**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With departmental approval, up to 30 hours from an accredited doctoral law program may be substituted for these areas.

[3] These courses should be selected when including pre-MBA preparation.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of

Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
General Education courses		7
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (Q)	3
General Education courses		9
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education courses		8
	Hours	**15**
Spring		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
College and Elective courses		5
	Hours	**15**
Junior		
Fall		
MATH 3613	Introduction to Abstract Algebra	3
ENGL 3323	Technical Writing	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
MATH 4023	Introduction to Analysis	3
MATH 4663	Combinatorics	3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Mathematics: Pre-Medical Sciences, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		*3*
See note 2.a.		
Recommend HIST 3913 or PHIL 3833		
Natural & Mathematical Sciences		
CS 1103	Computer Programming (Q)	3
or CS 1113	Computer Science I (Q)	
PHYS 1114	College Physics I (LN)	4
PHYS 1214	College Physics II (LN)	4
Foreign Language		
See note 3		0
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department.		
See note 2.c.		
Hours Subtotal		**15**
Major Requirements		
A minimum grade of "C" or "P" is required in each course.		
Mathematics Core (39 hours)		
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
Select 3 hours from the following:		3
MATH 3583	Introduction to Mathematical Modeling	
MATH 3933	Introduction to Mathematical Research	
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling	
Select 3 hours from the following:		3
MATH 4023	Introduction to Analysis	
MATH 4263	Introduction to Partial Differential Equations	
MATH 4513	Introduction to Numerical Analysis	
Select 9 hours from 4000-level MATH excluding 0-ending or Thesis courses		9
Select 3 hours from 4000-level MATH or STAT excluding 0-ending or Thesis courses		3
Select 3 hours from the following:		3
STAT 4013	Statistical Methods I (Q)	
STAT 4033	Engineering Statistics	
STAT 4053	Statistical Methods I for the Social Sciences (Q)	
Select 3 hours from the following:		3
4000-level MATH or STAT [2]		
Upper-Division CS or PHYS		
CHEM 3433	Physical Chemistry I	
MICR 4203	Bioinformatics	
Pre-Medical Sciences (18 hours)		
Biology		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
Physiology and Anatomy or Organic Chemistry		
Select 8 hours from the following:		8

BIOL 3203 & BIOL 3201	Physiology and Physiology Lab	
or BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
CHEM 3053	Organic Chemistry I	
CHEM 3153	Organic Chemistry II	
CHEM 3112	Organic Chemistry Laboratory	
Additional science courses		
Select 6 hours from the following, with 3 hours upper-division:		6
BIOC 3653	Survey of Biochemistry	
BIOL 3023	General Genetics	
BIOL 1604	Animal Biology	
BIOL 3233	Human Reproduction	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
MICR 3033	Cell and Molecular Biology	
MICR 3223	Advanced Microbiology	
MICR 3253	Immunology	
NSCI 2013	Principles of Human Nutrition (N)	
PSYC 2583	Developmental Psychology (S)	
PSYC 3443	Psychopathology (S)	
Hours Subtotal		**57**
Electives		
Select 8 hours		8
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Strongly recommended:		
PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
Additional requirements for professional school admission exist. View the Admission Requirement Sheets at https://success.okstate.edu/pre-professional/		
Hours Subtotal		**8**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] STAT 4023 Statistical Methods II, STAT 4043 Applied Regression Analysis or STAT 4063 Statistical Methods II for the Social Sciences recommended.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all required MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH 2144	Calculus I (Q)	4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
General Education courses		3
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MATH 2153	Calculus II (Q)	3
BIOL 1604	Animal Biology	4
General Education courses		5
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
CHEM 1314	Chemistry I (LN)	4
General Education courses		4
	Hours	**15**
Spring		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
CHEM 1515	Chemistry II (LN)	5
	Hours	**15**
Junior		
Fall		
MATH 3613	Introduction to Abstract Algebra	3
MATH 3583	Introduction to Mathematical Modeling (option)	3
BIOL 3204 or CHEM 3053	Physiology or Organic Chemistry I	4
Major, College, and Elective courses		5
	Hours	**15**
Spring		
MATH 4023	Introduction to Analysis	3
BIOL 3214 or CHEM 3153	Human Anatomy or Organic Chemistry II	4
CHEM 3112	Organic Chemistry Laboratory (if CHEM 3153)	2
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
BIOC 3653	Survey of Biochemistry (optional)	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Mathematics: Secondary Teacher Certification, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1,2]	4
CS 1103	Computer Programming (Q) [1,2]	3
or CS 1113	Computer Science I (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Course designated (H)		3
Course designated (DH)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 2014	University Physics I (LN) [1]	4
or PHYS 1114	College Physics I (LN)	
PHYS 2114	University Physics II (LN) [1]	4
or PHYS 1214	College Physics II (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
MATH 2153	Calculus II (Q) [2]	3
MATH 2163	Calculus III [2]	3
STAT 4013	Statistical Methods I (Q) [2]	3
or STAT 4053	Statistical Methods I for the Social Sciences (Q)	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Mathematics Core: Required Courses (24 hours)		
Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Mathematics core and those denoted with [2,]		
MATH 2233	Differential Equations	3
MATH 3013	Linear Algebra (Q)	3
MATH 3613	Introduction to Abstract Algebra	3
MATH 3933	Introduction to Mathematical Research	3
MATH 4893	Advanced Perspectives on Secondary Mathematics	3
MATH 4023	Introduction to Analysis	3
MATH 4403	Geometry	3
MATH 4663	Combinatorics	3
Mathematics Core: Additional Courses (6 hours)		
MATH 4033 is recommended for all prospective teachers. For teaching Calculus, MATH 4013 and 4083 are recommended. For teaching statistics, STAT 4203 is recommended. For teaching computer science, CS 2133 and 3353 are recommended, and CS 1113 and PHIL 3783 should be selected under General Education. For teaching physics, PHYS 2203 and either MATH 4013 or PHYS 3513 are recommended, and PHYS 2014 and 2114 should be selected under General Education. For students pursuing Departmental Honors in Mathematics, requirements include MATH 4993 and one Honors course in MATH selected from 4613 (recommended), 4143, 4303, or 4063.		
Select 3 hours of 4000-level MATH or STAT 4203 or CS 3353 or PHYS 3513, excluding 0-ending or Thesis courses.		3
Select 3 hours of 4000-level MATH or STAT or upper division CS or PHYS or CS 2133 or PHYS 2203		3
Secondary Education Professional Core (28 hours)		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course.		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in K-12 Education	3

SMED 4003	Teaching Fundamental Concepts of Mathematics [3]	3
SMED 4053	Teaching Geometry in the Secondary School [3]	3
SPED 3202	Educating Exceptional Learners	2
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School [3]	4
CIED 4720	Internship in the Secondary Classroom [3]	8
Hours Subtotal		**58**
Electives		
Select 9 hours		9
May need to include 6 hours of a foreign language (see note 3)		
May need to include 3 upper-division hours from General Education or any College of Arts and Sciences course outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**9**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.
[2] Minimum GPA 2.50 and minimum grade of "C" or "P" for courses in Mathematics core and those denoted with '2'.
[3] Full admission to Professional Education is required.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
ENGL 1113	Composition I	3
MATH 2144	Calculus I (Q)	4
SMED 1012	Inquiry Approaches to Teaching	2
General Education/Elective		6
	Hours	**16**
Spring		
ENGL 1213	Composition II	3
MATH 2153	Calculus II (Q)	3
General Education/Elective		9
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (Q)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) or University Physics I (LN)	4
General Education/College/Department/Concentration		6
	Hours	**16**
Spring		
MATH 2233	Differential Equations	3
MATH 3613	Introduction to Abstract Algebra	3
PHYS 1214 or PHYS 2114	College Physics II (LN) or University Physics II (LN)	4
SMED 3013	Knowing and Learning in K-12 Education	3
General Education/College/Department/Concentration		3
	Hours	**16**
Junior		
Fall		
MATH 3303	Advanced Perspectives on Secondary Mathematics	3
MATH 4033	History of Mathematics (Recommended)	3
CIED 3313	Field Experience in the Secondary Schools	3
General Education/College/Departmental/Major		9
	Hours	**18**
Spring		
MATH 3933	Introduction to Mathematical Research	3
MATH 4663	Combinatorics	3
SMED 4003	Teaching Fundamental Concepts of Mathematics	3
General Education/College/Departmental/Major		6
	Hours	**15**
Senior		
Fall		
MATH 4403	Geometry	3
MATH 4023	Introduction to Analysis	3
SMED 4053	Teaching Geometry in the Secondary School	3
SMED 4023	Advanced Field Placement in Mathematics and Science	3
General Education/College/Departmental/Major		3
	Hours	**15**
Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
	Hours	**9**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

School of Media and Strategic Communications

At Oklahoma State University, the professional areas of mass communication are grouped in the School of Media and Strategic Communications (SMSC). These areas seek to complement each other with a minimum of duplication. Degrees offered include a Bachelor of Arts or a Bachelor of Science in the following:

- Multimedia Journalism
- Sports Media
- Strategic Communication: Advertising and Public Relations
- Strategic Communication: Social Media
- Strategic Communication: Sport Communication
- Strategic Communication: Global Communication (BA only)

A modern democratic society cannot live by its ideals if its mass media practitioners are merely competent technicians who worry less about what is reported to the people than how it is reported. Citizens must have accurate information about social, political and economic problems as well as knowledge of actions taken by government agencies and organizations at all levels. From village council to Supreme Court, there can be no exception from the rule that public business is the public's business.

To speak to people through different media, whether as a journalist or a strategic communication practitioner, requires knowledge of the people to whom or on whose behalf one wishes to speak and an understanding of the world in which they live. Therefore, the curricula of the School of Media and Strategic Communications are designed to offer more than training in communication techniques. More than half of the SMSC student's time at the University is devoted to a broad-based education in the arts and sciences. At the same time, the student gains competence in a professional field through courses in the School of Media and Strategic Communications. Students also have the opportunity to participate in media-related faculty-led international travel classes that are offered every year. SMSC also offers career-related activities such as inviting industry professionals to visit campus to teach valuable skills or taking students to visit professional media organizations or events to acquire knowledge and experience as well as to cultivate relationships with future employers.

On graduation, undergraduate students in the School of Media and Strategic Communications will be able to:

1. Demonstrate an understanding of the relevant constitutional freedoms, legal issues and ethical principles in mass communications,
2. Demonstrate an understanding of the relevance of human diversity in mass communications,
3. Demonstrate an understanding of the history and social role of mass communications,
4. Demonstrate critical, creative and individual thinking,
5. Demonstrate an understanding of the relevant theories and concepts of mass communications,
6. Demonstrate an understanding of the methods and techniques of research and information gathering,
7. Demonstrate appropriate writing, editing and production techniques in mass communications, and
8. Demonstrate an understanding of relevant planning and management methods in mass communications.

Accreditation

The undergraduate programs of study in the School of Media and Strategic Communications are accredited by the Accrediting Council on Education in Journalism and Mass Communication.

Admission to the Undergraduate Program

Undergraduate Proficiency Review

Successfully passing the proficiency review is required to enroll in upper-division major requirements. The Proficiency Review includes:

1. 2.75 graduation retention GPA;
2. At least 12 OSU earned hours and a 2.75 graduation retention GPA in those hours;
3. Grade of “C” or better for MC 2003 and MC 2023; and
4. Passing score on the Language Proficiency Exam. Students are permitted two attempts to pass the Language Proficiency Exam. Students who fail to pass the Language Proficiency Exam after two attempts will be suspended from the SMSC major and are not eligible for readmission.

Requirements for Graduation

The degree programs of study offered in the School of Media and Strategic Communications are built around strong writing, liberal arts and professional components. Of the 120 hours required to earn a degree in SMSC, students will complete at least 51-54 semester hours in media and strategic communications courses.

Students must have a minimum 2.5 GPA in all SMSC courses and major requirements with a minimum grade of "C" in each course. No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used towards major-specific requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

All SMSC majors are required to develop and maintain a portfolio exhibiting their best and most appropriate work as well as assignments required for the portfolio. Portfolios will be turned in during senior capstone courses as part of their graduation requirements. School faculty, staff and industry professionals will evaluate these portfolios periodically and offer guidance and constructive criticism. It is anticipated that the portfolios will be helpful in showcasing students' performance when they apply for internships or jobs.

Multimedia Journalism

The many changes in the media environment require that students should have expertise in journalism and storytelling in all media formats. The degree in multimedia journalism will allow graduates to work with any media platform, be it print, television, radio or the internet. Students will develop their skills across all media platforms in their required core MMJ classes. Additionally, students will be able to customize their programs towards their career goals by picking three classes from a curated listed of media courses in news, production, documentaries, feature writing, podcasting and content creation.

Students learn the basics of journalism writing and reporting for print, online, audio and video production on state-of-the-art equipment and are challenged to put their skills to use by participating in the daily

operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), O'Colly TV, The Daily O, Petes' Corner, the Poke Report and other student-driven shows. O'Colly TV hosts a daily newscast. Many students bring their own ideas for shows and receive help making them happen. Students also create content for Inside OSU, the OSU online TV station. Students can gain on-the-job multimedia experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area.

Internships at broadcast and cable outlets also provide students with on-the-job experience and a valuable opportunity to work with seasoned media professionals. Many juniors and seniors find this work a source of revenue to assist them in the cost of their education.

The multimedia program is affiliated with the Oklahoma Press Association, Southwest Journalism Congress, the Society of Professional Journalists, the National Association of Black Journalists, National Association of Hispanic Journalists, the National Association of FM Broadcasters, Radio Advertising Bureau, Oklahoma Association of Broadcasters, Oklahoma Broadcast Education Association, National Association of Broadcasters, Broadcast Education Association and National Public Radio.

Sports Media

This program, one of very few undergraduate degrees in sports media in the United States, offers students a classic hands-on training in all aspects of the sports media industry. Depending on the student's career goals, additional coursework may include sports writing, sports journalism, play-by-play announcing, feature writing, live production, podcasting or multimedia content creation. Sports media students are also challenged to put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), O'Colly TV, The Daily O, Petes' Corner, the Poke Report and other student-driven shows. Many students bring their own ideas for shows and receive help making them happen. Students also create content for Inside OSU, the OSU online TV station. Students gain on-the-job multimedia experience through internships and some hold part-time jobs as campus correspondents for various publications or work for media in the Stillwater area. Students have many nationally-recognized organizations to join including the Sports Media Club, Association for Women in Sports Media and Associated Press Sports Editors.

Oklahoma State University and the School of Media and Strategic Communications enjoy a special relationship with sports media throughout the country. As a major sports venue, the OSU campus is visited regularly by national and regional sports media - both print and broadcast - to cover major sporting events. These media organizations routinely utilize SMSC student workers. The debut of ESPNU was telecast from Stillwater because the campus represents classic collegiate sports, and because the network producers were able to rely on a supply of ready and trained media and strategic communications students.

The members of the sports media faculty have strong professional backgrounds in the field and offer students the solid foundation in both theory and practice that prepare them for a variety of career paths. Sports industry professionals come to campus to offer workshops on sideline reporting, live sports interviewing and broadcasting, social media content creation and play-by-play skills. Sports media students have opportunities to travel to games and tournaments to get sports media experience and to cultivate relationships with other media professionals and prospective employers.

Strategic Communication

Communication professionals are needed in all industries. Industry employers require communication professionals to be skilled in writing, content creation, visual communication, research, strategic planning and critical thinking.

Students in strategic communications learn and practice communication methods used in public relations, advertising, sport communication, social media, and global communication. Strategic communication courses focus on a thorough understanding of the social, political and economic systems of society and develop writing and content-creation skills that apply across all media platforms, such as print, television, radio, websites, social media, etc.

A degree in strategic communication prepares students to be professional communicators in any environment, such as advertising and public relations agencies, counseling firms, corporate communications, nonprofit organizations, social media management, global communication, or even their own businesses. The ultimate objective of this degree is to prepare students to be the strategic communicators and leaders in their field. Coursework prepares students to write and communicate effectively because good writing skills remain the foundation of professional communication. Coursework also focuses on strategic and critical thinking as well as technical skills in visual communication. This degree also grounds students in a thorough knowledge of gathering and analyzing data relevant to their practice and in communication management principles. Students complete their degree with a capstone campaign course, where students integrate and apply knowledge gained in their undergraduate work to a strategic communication campaign for a real-world client.

There are four options to choose from for the Strategic Communications degree: SC: Advertising and Public Relations, SC: Social Media, SC: Global Communication and SC: Sport Communication.

Strategic communication students are challenged to gain internship experience in non-profit organizations, corporate communication, advertising agencies, public relations agencies, sports communications organizations, and OSU communication outlets. Some put their skills to use by participating in the daily operations of Student Media at OSU available through the O'Colly Media Group. The O'Colly Media Group offers TV, radio, print, creative and sales opportunities through: Advertising, The O'Colly radio (podcasts and KXZY), The Daily O, One on One, The Franchise Show, Petes' Corner and the Poke Report. Some students also create content for OState.tv, the OSU online TV station. Students gain on-the-job experience through internships and many hold part-time jobs as campus communicators, brand experts, or media correspondents. Each year, SMSC participates in the National Student Advertising Competition, NSAC. The SMSC NSAC team has been nationally recognized numerous times. Additionally, strategic communications faculty members offer faculty-led international travel classes each year, allowing students to increase their knowledge of luxury branding, storytelling, narrative identity of places, diplomacy, media literacy, magazine feature writing and production and/or content creation.

The Strategic Communication program is affiliated with the American Advertising Federation, the American Academy of Advertising, the

Public Relations Society of America and the Association of Women in Communication.

For more information, please go to https://cas.okstate.edu/media/.

Courses

MC 1143 Media in a Diverse Society (DS)
Description: A study of the media and their effect on our culture, with an emphasis on the media's role in racial, gender and sexual orientation issues in the United States. By analyzing the mass media, we learn to interpret the consequences of the stories they tell. An introductory survey course for majors and non-majors. Previously offered as JB 1143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm
General Education and other Course Attributes: Diversity, Society & Human Behavior
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

MC 1163 Citizen Journalism Collective
Description: This course introduces students to media literacy, journalism and design through a focus on community news. Students will apply experiential methods and techniques from creative writing and the visual arts to produce engaging, informative news stories. Students will research their communities' information needs then produce multimedia stories to address those needs. Qualifying stories will be published in professional and student outlets.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 2003 Mass Media Style and Structure
Prerequisites: ENGL 1213 or ENGL 1223 or ENGL 1413 with grade of "C" or higher, 24 credit hours earned and departmental majors only.
Description: Teaches basic writing skills vital to any career in mass communication. Emphasizes language skills with a focus on the rules of grammar and the meaning of words. Also teaches the basic strategies of information gathering, including how to glean accurate and useful background information from traditional and online sources. Introduces students to the fundamental writing styles and objectives required to convey information in different media. Previously offered as JB 2003, JB 1393, and JM 1123.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm
Additional Fees: MC 2003 AP Stylebook fee of $5.30 applies.

MC 2023 Digital Media Essentials
Prerequisites: ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better, 24 credit hours earned and departmental majors only.
Description: Introduces students to electronic communication with a series of hands-on projects to develop their skills with basic photography, videography, podcasting and Web page development. Compares the various media platforms and teaches students visual grammar. Students create slide-shows and podcasts, learn to edit video, and develop Web pages using content created in class.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Media & Strategic Comm
Additional Fees: MC 2023 AP Stylebook fee of $5.30 applies.

MC 2143 Media and Information Literacy (S)
Description: Students will be equipped with the competency, knowledge and skills to navigate, analyze, evaluate, and create media and digital content responsibly. Topics include the historical context, principles, and social implications of media, from traditional print media to contemporary digital/social media as well as critical thinking about the influence and impact of media on society, democracy, and personal decision-making. Issues will include misinformation, disinformation, digital citizenship, media ownership, representation, and bias in media.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm
General Education and other Course Attributes: Society & Human Behavior

MC 2360 Seminar in Mass Media
Description: A seminar-style course on varying media topics taught by faculty members on a rotating basis.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 2773 Censorship
Description: A critical examination of historical and contemporary occurrences of censorship from legal, philosophical, political, religious and sociological perspectives. We will explore the definition of censorship, the common elements found in all forms of censorship, the rationalizations and justifications for censorship, and the consequences and unintended results of censorship. We also critically examine relevant First Amendment theories, principles and applications. Previously offered as JB 4773, MMJ 2773 and MMJ 4773. May not be used for degree credit with MC 5773.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 3113 Introduction to Media Effects
Description: Mass media's potential to influence audience behavior is a subject that has long fascinated scholars and the general public. Aside from working & sleeping, individuals in the U.S. spend more time consuming media than any other activity. This course introduces media effects, and offers critical analysis methods to better understand the process and effects of the mediated message. A variety of media theories will be examined to understand how media can affect attitudes and behaviors on an individual and societal level. The theories will be used to examine a variety of different types of content, including media violence, portrayals of race and gender, entertainment, politics, strategic communication, and sport.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 3173 History of Mass Communication (H)
Description: Growth and development of mass communication systems in America, with emphasis upon the economic, social and political interaction of the media. Previously offered as JB 3173.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm
General Education and other Course Attributes: Human Heritage & Cultures

MC 3360 Current Topics in Mass Communication
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in each; and pass proficiency review.
Description: Examination of timely topics and issues in contemporary media. May be repeated with different topics.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 4043 Media Study Abroad (G)
Description: Participation in an international experience sponsored by the School of Media and Strategic Communications. This will typically involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political, and economic issues especially as those areas related to media and communication. May not be used for degree credit with MC 5040 in same semester with same subtitle.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm
General Education and other Course Attributes: International Dimension

MC 4143 Ethics and Issues in Mass Communications
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.
Description: Students examine classical theories of ethical behavior and their relevancy to professional communicators. Students learn to analyze various moral viewpoints, so they can discern a justifiable system of ethical decision-making. Students apply ethical reasoning and professional codes of conduct to scenarios to determine the most ethical action to take.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 4153 International Mass Communication
Description: In today's interconnected world, media shapes our understanding of global events, cultures, and societies. Course examines comparative analysis of media systems, news production, entertainment formats, cultural representations, imbalances in international information flow, debates over media imperialism, and the interplay between local identities and global forces. Current issues will help identify the roles international media play in shaping values, ideology, and power dynamics within varied international contexts. No credit for students with credit in MC 5253. Previously offered as JB 4253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 4163 Mass Communication Law
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.
Description: Major principles of media law by examining the important court decisions, statutory and regulatory enactments in each area of communication law. Relevant constitutional freedoms and legal issues affecting professional communicators and all participants in a self-governing society. Practice applying the law and precedents to specific situations to determine if potential legal problems exist. No credit for students with credit in MC 5163. Previously offered as JB 4163 and JB 3163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 4360 Advanced Topics in Mass Communications
Prerequisites: MMJ 3263, SC 3353, or SPM 3813 with a grade of "C" or higher; and pass proficiency review.
Description: Independent study and project development to fit the student's field of study. Previously offered as JB 4360. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 4733 Responsibility in Mass Communication
Prerequisites: MC 2003 with a grade of "C" or better; and pass proficiency review.
Description: Interaction between mass media and society with emphasis upon the communicator's ethics and responsibilities. Meets with MC 5733. No credit for students with credit in MC 5733. Previously offered as JB 4733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 4753 Media and Elections
Description: Examination of media's role in the political process with primary emphasis on public affairs, political news, public relations and campaign advertising in traditional and social media spaces. No credit for students with credit in MC 5753. Previously offered as JB 4753 and MMJ 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in the School of Journalism and Broadcasting. Previously offered as JB 4993.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm
General Education and other Course Attributes: Honors Credit

MC 5000 Thesis
Description: For mass communication graduate students who are candidates for the master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5001 Capstone Project Prep
Prerequisites: MC 5113, MC 5333, and MC 5651 each with a B or better; and instructor permission.
Description: This course prepares mass communication graduate students for the degree completion option of Creative Component. Students will develop a proposal for their creative project, including preparing an introduction and rationale for the project, a review of relevant trade and scholarly literature, a methodology section outlining project execution, a timeline for project completion and an evaluation criteria for the project.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5010 Capstone Creative Project
Prerequisites: "B" or better in MC 5001, 5113, MC 5333, and MC 5651 and instructor permission.
Description: Capstone research project or creative activity for a mass communication graduate student. Offered for variable credit, 1-3 credit hours, maximum of 3 hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5011 Experience Report
Prerequisites: Instructor permission and MC 5020 (6 hours) or MC 5040 (6 hours).
Description: The Experience Report is a non-thesis, degree completion option for the Study Abroad or Practicum graduation candidates.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5020 Practicum in Mass Communication
Prerequisites: MC 5651, MC 5113 and MC 5333 with minimum grade of "B" in each; instructor permission.
Description: This class serves as a degree completion option for graduate students. It provides students with hands-on, real-world experience through supervised fieldwork in professional media and communication settings. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5030 Independent Study in Mass Communication
Prerequisites: Consent of instructor.
Description: Independent study, directed readings or project development in mass communications to fit the student's academic and professional interests. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5040 Media International Experience
Prerequisites: Consent of instructor.
Description: Participation in either an international experience sponsored by the School of Media and Strategic Communications (SMSC) or a research or directed reading project in conjunction with a study abroad experience. An SMSC international offering will typically involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political, and economic issues especially as those areas related to media and communication. The project option would be a student-initiated and student-designed with a faculty adviser or mentor input and guidance. May not be used for degree credit with MC 4043 in same semester with same subtitle. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5113 Methods of Research in Mass Communication
Description: Principles and techniques of research; research planning, design and measurement in mass communication.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5143 Diversity In Sports Media
Description: This course examines sports media content, framing, personnel, and audiences in relation to diverse groups. Primary emphases are placed on race and ethnicity, gender, sex, LGBT, national identity, and disability. Sports media coverage of each group is examined from a historical perspective up through the 21st Century convergence of broadcast, online, and print journalism. Particular focus is placed on diversity among sport media gatekeepers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5163 Mass Communication Law
Prerequisites: Graduate standing.
Description: Major principles of media law by examining the important court decisions, statutory and regulatory enactments in each area of communication law. Relevant constitutional freedoms and legal issues affecting professional communicators and all participants in a self-governing society. Practice applying the law and precedents to specific situations to determine if potential legal problems exist. Meets with MC 4163. No credit for students with credit in MC 4163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5183 Brand Strategy
Prerequisites: Graduate Standing
Description: This course explores the strategic management of brands in a dynamic digital landscape, covering brand identity, positioning, architecture, portfolio strategy, and brand growth. Students will engage in hands-on projects, blending analytical thinking with creative development. The course focuses on real-world applications, culminating in a semester-long brand strategy project.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5223 Mass Communication Research Analysis and Interpretation
Prerequisites: MC 5113.
Description: Single- and multi-variate analysis, interpretation and reporting of mass communication research data. Use of computers in research analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5253 International Mass Communication
Description: Examination of the nature and flow of news and information within and among nations, states, and societies from a theoretical vantage point grounded in region-specific realities. The political, economic, social, cultural and historical forces determining media practice in a global environment. No credit for students with credit in MC 4153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5283 Citizen Branding
Prerequisites: Graduate standing.
Description: The course is focused on promoting citizen engagement and community building in a digital era. It explores consumption of networked political campaigns, corporate and national identity branding, and participation in the social media marketplace. It examines the effect of media on community deliberation. This course will provide the tools to increase meaningful community engagement in ways that will transform our communities into more vibrant and interactive places.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5323 Nation Branding
Prerequisites: Graduate standing.
Description: Nation branding is defined for this course as the strategic act of shaping a country's reputation and country image through the use of branding techniques. This course will explore America's image abroad and attempt to understand the recent rise of anti-Americanism, as well as look at nation branding in other countries. May not be used for degree credit with GS 5323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5333 Media Theory
Prerequisites: Graduate standing.
Description: Mediating factors that affect interaction of ingredients in the communications process, and how these factors can affect the fidelity of information conveyed.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5383 Media Relations
Prerequisites: Graduate standing.
Description: Strategies for dealing with the news media. Students will gain hands-on experience in conducting media news conferences, pitching story ideas and preparing themselves and others for dealing with news media interviews. Meets with SC 4383. No credit for students with credit in SC 4383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5443 Sports Branding
Prerequisites: Graduate Standing.
Description: Introduction to the multibillion-dollar industry of sports branding and sponsorship from the viewpoint of the team, the brand, and other entities involved. Sports branding creates and delivers brand content to fans to bolster engagement and loyalty towards the generation of revenue. Course covers the history of sports branding, the broader sport and eSports ecosystems, team and individual athlete branding, sponsorship, and the role of globalization and virtual-based Consumer technologies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5483 Nonprofit Branding
Prerequisites: Graduate Standing.
Description: This course explores the role of strategic communications for nonprofit organizations. It will provide students with an in-depth understanding of how communication theories can be applied to build organizational brand, foster commitment to organization's mission, increase trust, create ambassadors, strengthens impact, and create lasting social change.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5503 Graduate Internship in Media
Prerequisites: MC 5651, MC 5113 and MC 5333 with minimum grade of "B" in each; instructor permission.
Description: This course provides graduate students with professional learning experience through structured internship placement in a media-focused role. Students apply academic theory to real-world practice while developing industry skills and building their portfolios. The course bridges classroom knowledge with professional experience in media operations, fostering career-advancing industry connections and enhancing job market competitiveness.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5520 Specialized Strategic Communications Applications
Prerequisites: One semester of graduate course work and consent of instructor.
Description: Professional strategic communications at an advanced level. Strategic communications study of non-profit, corporate, agency, international and other specialized applications. Course content varies by semester. No credit for students with credit in SC 4520 during the same semester or with the same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5540 Specialized Multimedia Journalism Applications
Prerequisites: Graduate standing.
Description: Professional journalism at an advanced level. Special topics in areas such as announcing, performance; political, business, and investigative reporting; advanced layout and design or audio production; feature, column and editorial writing. Course content varies by semester. Meets with MMJ 4540. No credit for students in MMJ 4540 during the same semester or with the same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5560 Specialized Sports Media Applications
Prerequisites: Graduate standing.
Description: Professional sports media at an advanced level. Special topics in areas such as sports media production, announcing, performance; sports feature, column and editorial writing. Course content varies by semester. Meets with SPM 4560. No credit for students in SPM 4560 during same semester or with same subtitle. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5603 Integrated Marketing Communication
Prerequisites: Graduate standing. Previous Mass Communication or Marketing coursework.
Description: Advanced exploration of the strategic planning and implementation of Integrated Marketing Communication campaigns. Uses case studies, projects, and industry examples to emphasize the importance of coordinating and combining diverse traditional and digital marketing tools and channels (advertising, public relations, direct marketing, and sales promotion) to deliver clear, consistent, high-impact messages that resonate with target audiences. Course also delves into contemporary theories, models, and tools that inform decision-making in promotional communication strategies. No credit for SC 4603.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5613 Storytellers Studio
Prerequisites: Graduate standing.
Description: This is a graduate seminar designed to provide an understanding of the theory and practice of mass media. Through readings, lectures, multi-media presentations and guests who are industry experts, we explore the main media institutions and how they create, exhibit, and disseminate their products. The course also explores how diverse audiences and users select, use and react to media content. Special attention is paid to the audience/medium relationship, improving media literacy and a broad understanding of media ethics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5651 Introduction to Graduate Study in Mass Communications
Prerequisites: Graduate standing.
Description: Orientation to skills necessary for successful completion of graduate work. Training in library and archival research, academic writing and preparation of research reports, familiarization with theoretical concepts and issues associated with mass communication. Required of all mass communication MS candidates, and prerequisite to MS candidates enrolling in mass communication seminars. Previously offered as MC 5653.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5693 Media Analytics
Prerequisites: Graduate Standing
Description: Analytic tools and computational methods for journalism and strategic communication, including data collection and processing, multimedia content analysis, web-based data acquisition, text mining and natural language processing, and statistical analysis techniques for hypothesis testing and modeling. Applications focus on media research, audience analysis, and communication effectiveness measurement. Programming concepts and software tools will be introduced as needed. No prior technical experience required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5733 Responsibility in Mass Communication
Prerequisites: Graduate standing.
Description: Interaction between mass media and society with emphasis upon the communicator's ethics and responsibilities. Meets with MC 4733. No credit for students with credit in MC 4733.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5753 Media And Elections
Prerequisites: Graduate standing.
Description: Examination of media's role in the political process with primary emphasis on public affairs, political news, public relations and campaign advertising in traditional and social media spaces. May not be used for degree credit with MMJ 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5770 Seminar in Communication Media
Prerequisites: Graduate standing.
Description: International communication, media history, legal research, new technology, women and the media, television and children, industrial television, and communication research. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MC 5773 Censorship
Prerequisites: Graduate standing.
Description: Critical examination of historical and contemporary occurrences of censorship from legal, philosophical, political, religious and sociological perspectives. The course will explore the definition of censorship, the common elements found in all forms of censorship, the rationalizations and justifications for censorship, and the consequences and unintended results of censorship. No credit for students with credit in MMJ 2773 or MMJ 4773.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5843 Sport Fanship
Prerequisites: Graduate Standing.
Description: An in-depth examination of modern sport fans and their relationship with the sports media industry. The class will define sport fanship in today's context, cover the many causes of fanship, and explore its social and psychological consequences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5883 Media Management
Prerequisites: Graduate Standing.
Description: The focus of this course is on an integrated approach to the management in an organization, particularly grounded in organizational theory. Management concerns in mass communication practice, including public relations, brand management, digital production, multimedia journalism and sports media. Different emphases offered according to student demand or need.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5933 Theories of Persuasion
Prerequisites: Graduate standing.
Description: In order to extend our understanding of Strategic Communication, it is important to study the large body of scientific research dealing with persuasion and persuasive communication. This is not a course on how to be a better persuader, but instead a study of the theories of persuasion. However by exploring the academic literature on persuasion, many strategies can be learned and used to not only make us better communicators, but also to help us resist persuasive attempts that we may encounter as citizens and consumers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MC 5953 Strategic Health Communications Campaigns
Prerequisites: Graduate standing.
Description: The course will focus on theoretical approaches to health message design and the most effective and strategic use of traditional and new media outlets. Students also will review and discuss examples of past and current health communication campaigns in the United States and around the world. Integrating theory and practice, students will apply these concepts to design strategic communication campaigns for area health agencies and organizations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 2063 Fundamentals of Journalism
Prerequisites: Departmental majors only. (MMJ, SPM, SC, and PMC.)
Description: Basics of journalism, its role in society and problems and issues facing journalism. History, philosophy, ethics and current events will be discussed. Students also will practice the basics of interviewing and writing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 3153 Fundamentals of Video and Studio Production
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better; and pass proficiency review.
Description: Theory and practice of basic audio and video production techniques leading to later applications in audio, video and multimedia production. Introduction to studio operations for video and podcasting. Previously offered as JB 3153.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

MMJ 3263 Multimedia Reporting
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.
Description: Prepares students for the rigors of writing, reporting and visual storytelling for professional journalism outlets. Real-world assignments provide practical experience reporting and writing across media platforms. Emphasis on compelling storytelling and depth of reporting with an expectation that student work will be published or broadcast. Continuing command of grammar and style from MC 2003 will further be honed. News judgment, interviewing, the ability to meet deadlines will be addressed. Gathering news in an ethical manner is also emphasized. Previously offered as JB 2393 and JB 3263.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

MMJ 3293 Information Graphics
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better; and pass proficiency review.
Description: Using computer-designed charts, maps, graphs, diagrams and other visual representations of information to tell the news. Combines theories of non-verbal communication and practical application. Includes the basic design concepts and techniques for creating TV and video graphics. Previously offered as JB 3293.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

MMJ 3313 Multimedia Editing
Prerequisites: MMJ 3263 or SPM 3813 with minimum grade of "C" or concurrent enrollment in MMJ 3263 or SPM 3813; pass proficiency review.
Description: Principles and practice in editing copy for print, broadcast and Web, selecting pictures and video, and writing headlines, cutlines, blurbs, teases and promos. Strong emphasis placed on language usage and ethical decision-making. Previously offered as JB 3313 and JB 2413.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Media & Strategic Comm

MMJ 3553 Advanced Reporting
Prerequisites: MMJ 3153 and MMJ 3263 with “C” or better in both, and pass proficiency review.
Description: Reporting techniques empowering journalists to fulfill their watchdog role in a democracy. Practical experience in accurately reporting and writing on deadline. Emphasis on multimedia to tell the news of government through people. Emphasizes importance of human diversity and cultivating sources ethically. Stresses the use of government documents. Previously offered as JB 3553.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

MMJ 3773 Multimedia Voice and On-Camera Performance
Prerequisites: MMJ 3153 and MMJ 3263 with a grade of "C" or better in both; and pass proficiency review.
Description: Broadcast professionals team up with experienced faculty to polish the on-air performance of media students. In this class students will anchor and report news and discover their own personal style of delivering the news and sports.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 3873 Podcast and Audio Production
Prerequisites: MMJ 3153 with a grade of C or better; and pass proficiency review.
Description: Prepares students to work in radio and internet audio production and imaging. Students prepare and present materials in a broadcasting situation. Students learn about and develop skills in different formats of audio production, including the production of audio messages such as radio commercials and long-form programming, including podcasting. Previously offered as JB 3873 and JB 2873.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Media & Strategic Comm

MMJ 3900 Multimedia Journalism Internship
Prerequisites: MMJ 3153 and MMJ 3263 with a grade of "C" or better and consent of instructor, and pass proficiency review.
Description: Internship practice for qualified multimedia journalism students who seek creative communications experience off-campus beyond what is available in the classroom. Internships must be approved prior to counting hours worked. Must work sixty or more hours for each credit hour up to three credit hours for each individual internship. Previously offered as JB 3900. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MMJ 3913 Multimedia Content Creation
Prerequisites: MMJ 3153 and MMJ 3263 or SPM 3813 with a grade of "C" or better in both; and pass proficiency review.
Description: Techniques to write and produce creative content (video, audio and web-based projects) in a real-world environment. Students will produce material in the field, without assistance from studio engineers or other personnel. Applications are endless, but include social media content creation, sports, news, documentary, multimedia and long-form journalism projects, and even live production. Although a news format may be used for projects, the skills taught will translate into many production fields. Previously offered as JB 3913.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 3943 Photojournalism
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in each, and pass proficiency review.
Description: Theory and practice in the digital techniques of photojournalism. Intermediate concepts of lighting, composition, action and storytelling via digital photography. A basic understanding of photography and photo developing necessary. Must have access to 35mm single reflex or digital camera. Previously offered as JB 3943.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 4393 Data Journalism
Prerequisites: MMJ 3263 or SPM 3813 with a grade “C” or better, pass proficiency review; STAT 2013 or STAT 2023 or STAT 2053.
Description: Provides practical experience using data analysis while combining social science research methods with the process approach to news writing. Teaches how to find, analyze and visualize data. The data analysis will provide an essential element for a print or broadcast story. Follow-up reporting and writing emphasize how people are affected. Previously offered as JB 3393 and 4393.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm
Additional Fees: MMJ 4393 AP Stylebook fee of $5.30 applies.

MMJ 4413 Investigative Reporting
Prerequisites: MMJ 3553 with a grade of "C" or better; and pass proficiency review.
Description: Emphasizes the ethical use of primary sources, in-depth analysis and rigorous fact-checking to reveal important public matters that that others might be trying to conceal. Students learn to correctly estimate the nature, scope, importance and resources needed to conduct an original investigative project. They examine the ethical dilemmas and legal obstacles facing investigative reporters. Students report, write and produce a completed multimedia investigative project for publication and/or broadcast. Previously offered as JB 4413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 4433 Multimedia Feature Writing and Storytelling
Prerequisites: Minimum grade of "C" in MMJ 3153 and minimum grade of "C" in MMJ 3263 or SPM 3813; and pass proficiency review.
Description: In-depth features that combine writing, broadcast, photography and other elements as needed to produce packages. Previously offered as JB 4433.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 4540 Specialized Multimedia Journalism Applications
Prerequisites: MMJ 3153 or MMJ 3263 with a grade of "C" or better and consent of department; and pass proficiency review.
Description: Professional journalism at an advanced level. Special topics in areas such as announcing, performance; political, business and investigative reporting; advanced layout and design or audio production; feature, column and editorial writing. Course content varies by semester. Meets with MC 5540. No credit for students in MC 5540. Previously offered as JB 4540. Offered for fixed 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

MMJ 4573 Broadcast Documentary
Prerequisites: MMJ 3913 with a grade of "C" or better; and pass proficiency review.
Description: Written and produced broadcast documentaries designed for distribution in multiple video platforms. Previously offered as JB 4573. May not be used for degree credit with ENTM 4573.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Media & Strategic Comm

MMJ 4863 Media Management
Prerequisites: MMJ 3263 or SPM 3813 with a grade of "C" or better; and pass proficiency review.
Description: Basic issues, concepts, operational procedures and strategies associated with effectively managing media corporations. Examines management operations related to media convergence and audience measurement. Emphasis is placed on making ethical decisions and administrative choices in staffing and content that reflect a community's diversity. Previously offered as JB 4863.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 4953 Advanced Production Practices
Prerequisites: MMJ 3913 and MMJ 3263 with a "C" or better; and pass proficiency review.
Description: Advanced professional television production. Student produced and directed television programs, including "specials," for distribution on cable or other professional media. Previously offered as JB 4953.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Media & Strategic Comm

MMJ 4960 Live Production
Prerequisites: MMJ 3153 with a grade of "C" or better; and pass proficiency review or consent of instructor.
Description: Develop a live, in-the-field or studio production from writing a program proposal to an actual live broadcast. Students determine what equipment is needed; conduct a site survey to develop a location plot for the site; determine the best location for the cameras and master control area; write a facilities request; and create scripts. Students learn proper techniques of in-the-field or studio videography, switching (live editing), and audio. Homecoming parade, its pre-show and other events are required. Previously offered as JB 4960. Offered for 3 fixed credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 4970 Newscast Production
Prerequisites: MMJ 3153 and (MMJ 3263 or SPM 3813) with minimum grade of "C" in each; pass proficiency review.
Description: Advanced skills in reporting, news producing, editing and anchoring. Students will assemble a video newscast or newsmagazine with content that is usable across various media platforms. Offered for 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

MMJ 4973 Multimedia Journalism Capstone
Prerequisites: MMJ 3553 and MMJ 4393 each with a grade of "C" or better; and pass proficiency review.
Description: Advanced principles and techniques for students specializing in both news and digital production. Students come together as teams to create multimedia news products.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 2083 Digital Communication for Strategic Communication
Prerequisites: ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better. 24 hours earned and SC maiors only.
Description: This course introduces students to Digital Communications in Strategic Communication. The course will focus on fundamental principles and skills of digital storytelling, including social media and video creation. Using multimedia tools, students will gain skills for visually communicating a strategic brand story through digital channels. There will be an emphasis on basic skill set, with a series of hands-on lessons.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 2183 Introduction to Strategic Communications
Description: Strategic communication is crafting and delivering impactful messages that drive organizational success and plays a crucial role in shaping brand identity, managing crises, and putting stakeholders at the forefront of decisions. Create planned, purposeful, and powerful communications that resonate with targeted audiences and achieve strategic goals. Learn about communication in shaping public perception, building lasting relationships and navigating ethical complexities. Explore careers in advertising, public relations, corporate communications, and marketing. Previously offered as JB 2183.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 2330 Industry Immersion in Strategic Communication
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of 'C' or better in each, and pass proficiency review.
Description: This course will expose strategic communication (SC) majors to work environments related to their major. Through industry site visits in Oklahoma, students will network with professionals to observe, engage, and reflect upon the professional practice of strategic communicators. Students will observe SC practices and work cultures at advertising, marketing, and public relations agencies: corporate communication and government offices: and nonprofits. Professional development activities for job/internship searches. Variable credit, 1-3 credit hours, maximum of 6. Previously offered as SC 2333.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3050 Topics in Global Communication
Prerequisites: SC 2183 and MC 2003; and MC 2023 or SC 2083 or instructor permission with a grade of 'C' or better in each, and pass proficiency review.
Description: Global communication strategies at an advanced level. Strategic communication topics to center on contemporary global messaging and will vary. These will include agency, government, diplomatic, non-profit, corporate, sustainability and/or brand communication on a global stage. Students will prepare to navigate personally and professionally at a global level, examine worldwide communication issues, and develop critical thinking skills, knowledge and attitudes that will enable them to collaborate across cultural boundaries and lead with ethical and engaged citizenship. For 3 credit hours, Max: 9
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3353 Persuasive Writing for Strategic Communicators
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each, pass proficiency review.
Description: An examination of the language of persuasive communication, how persuasion works and the techniques of persuasive message strategy. Application of persuasive writing for traditional media and emerging digital media.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm
Additional Fees: SC 3353 AP Stylebook fee of $5.30 applies.

SC 3383 Strategic Communications Management and Strategies
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.
Description: Course explores account management techniques, tools, and advanced advertising and public relations strategies. Account executives focus on managing projects, people, clients, agencies, and crises. Strategic communicators must consider ways to effectively manage image, issues, and information. Students will learn and practice how to manage these effectively and to create, develop, implement, and evaluate effective communication strategies in various organizational contexts. Course previously offered as JB 3383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3443 Social Media Playbook
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.
Description: Every communicator knows the value of a solid social media presence, but how do you get one? This class focuses on social media strategy from the ground up. Students will learn how to leverage social media platforms, tools, and strategies to connect with audiences. Topics may include: building your brand on social; strategies for capturing and engaging target audiences; influencer marketing; planning social media campaigns; and optimizing strategies for earned, owned, and sponsored content.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3463 Event Planning and Communication
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each or permission of instructor.
Description: This course covers the fundamentals of event planning from a strategic communications perspective. Teaches a variety of aspects involved in event planning including creating a vision and strategic plan, understanding various marketing strategies, budget management, networking, conference design, and assessment. Attendance of two events outside of class are required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3483 Nonprofit Communications
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review.
Description: This course will offer an overview of branding and communications concepts, helping students approach branding in a way that builds commitment to their organization's mission, increases trust, creates ambassadors, and strengthens impact. Students will gain a basic familiarity with a variety of branding principles, fundraising techniques and develop strategic communication recommendations for an organization with which they are familiar.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3600 Strategic Communications Internship
Prerequisites: SC 3353 and SC 3753 with a grade of "C" or better in both and consent of instructor; and pass proficiency review.
Description: Internship practice for qualified strategic communications students who seek creative communications experience beyond that available in the classroom. Internships must be approved prior to counting hours worked. Must work sixty or more hours for each credit hour up to three credit hours for each individual internship. Course previously offered as JB 3600. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

SC 3603 Creative Strategies
Prerequisites: SC 2183, MC 2003 and MC 2023 or SC 2083 with a grade of ‘C’ or better in each, and pass proficiency review.
Description: This course emphasizes the development of creative strategies in advertising and public relations campaigns. It teaches students to think creatively to solve advertising and PR challenges and to effectively formulate the campaign's 'Big Idea.' Students will learn to innovate through brainstorming and concept development, integrating insights from target audience, market, and product research. Hands-on exercises in copywriting and design will enable students to apply creativity in various marketing contexts, culminating in a campaign board. Previously offered as JB 3603.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3693 Social Media Analytics
Prerequisites: SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.
Description: This course introduces students to the fundamental principles and techniques of social media analytics, focusing on the collection, analysis, and interpretation of social media data for advertising and public relations purposes. Emphasizing practical, hands-on experience, students will learn to utilize programming languages like R to understand social media trends, audience behavior, and campaign effectiveness. However, pre-existing knowledge of programming languages is not required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3753 Graphic Design for Strategic Communication
Prerequisites: MC 2003 and MC 2023 or SC 2083, and SC 2183 with a grade of "C" or better in each, pass proficiency review.
Description: An analysis and application of graphic design elements in strategic communication to be used in traditional and new media. Instruction through weekly assignments, critiques, readings, lectures, and discussions. Creative and practical aspects of typography, color, composition, shape, and pattern, providing a foundation for interpreting and applying graphic design concepts in both print and digital media. Course encourages a self-directed and experimental approach, allowing students to engage with practical design projects and develop their creative skills. Course previously offered as JB 3753.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

SC 3783 Strategic Sport Communication
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in each; and pass proficiency review.
Description: Provides an overview and introduction to sport media consumption and communication within the sport industry. The primary focus of the course is on the role of strategic communication in all aspects of sport, fundamentals of sport publicity and promotional campaigns. Course previously offered as JB 3783 and SPM 3783.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 3953 Research Methods for Strategic Communicators
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and STAT 2013 or STAT 2053; and pass proficiency review.
Description: This course provides an overview of strategic communication research, emphasizing its application in developing and evaluating strategic communication strategies. Primary and secondary research are employed to understand target audiences, including consumers, stakeholders, and the public. The course outlines procedures for conducting a research project, engaging students in the research planning process, gathering primary data, and analyzing and parenting results.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4013 Media and Markets
Prerequisites: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and STAT 2013 or STAT 2053; and pass proficiency review.
Description: Introduction to the strategic use of media. Major principles of media planning and buying, audience measurement, media research, new media technology, and market segmentation. Course previously offered as JB 3013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4053 Study Abroad: Strategic Messaging
Description: Course involves participation in an international experience facilitated by Strategic Communication faculty. This course will involve the integrated study of a country or region regarding relevant cultural, commercial, historical, technological, political or economic issues. Students will develop global cultural competencies and professional preparedness through travel and engagement with the destination's citizens. Course assignments and discussions will focus on strategic messaging with focus on the perspective of the location and its social, cultural and/or political perspectives.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

SC 4063 Creative Video for Digital Strategy
Prerequisites: SC 3353 and SC 3753 with grade of "C" or better and pass proficiency review.
Description: This course focuses on strategies for social media communicators, technical video productions skills, and creative principles required to plan, shoot, and edit impact videos for social media. Students will produce Impact Videos to promote clients' visual brand identity on social media platforms.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4223 Media Sales and Marketing
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or better in both; and pass proficiency review.
Description: The primary focus of this course is to learn to sell advertising time and space and gain insight into the professional sales process. Course will explore the role of sales in the marketing mix, the intricacies of the different local media available to advertisers, how to make effective sales presentations and the art of prospecting. Course previously offered as JB 4223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4383 Media Relations
Prerequisites: Senior standing, minimum graduation/retention GPA of 2.5.
Description: Strategies for dealing with the news media. Students will gain hands-on experience in conducting media news conferences, pitching story ideas and preparing themselves and other for dealing with news media interviews. Meets with MC 5383. No credit for students with credit in MC 5383. Course previously offered as JB 4383.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4493 Strategic Writing for Content Creation
Prerequisites: SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.
Description: An advanced writing application course in creating, planning, researching, editing, and designing of multimedia content used in strategic communication. Previously offered as JB 4493.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm
Additional Fees: SC 4493 AP Stylebook fee of $5.30 applies.

SC 4520 Specialized Strategic Communication Applications
Prerequisites: SC 3353 and SC 3753 with a grade of "C" or better in both; and pass proficiency review.
Description: Professional strategic communications at an advanced level. Strategic communications study of non-profit, corporate, agency, international and other specialized applications. Course content varies by semester. No credit for students with credit in MC 5520 during the same semester or with the same subtitle. Course previously offered as JB 4520. Offered for fixed 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

SC 4603 Integrated Marketing Communication
Prerequisites: MC 2003 and MC 2023 and SC 2183; or MKTG 3213 with a grade of "C" or better in each.
Description: Principles and practices of Integrated Marketing Communication/IMC. Examination of how various communication tools blend to create consistent and effective messages across multiple channels. Includes key elements of the promotional mix: advertising, public relations, direct marketing, and sales promotion. Students will learn basic IMC strategies that align with overall marketing goals and understanding target audiences, crafting compelling messages, and selecting appropriate communication channels. Intro to fundamental theories and current trends in marketing communication. Previously JB 4603.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4653 Influencers, Promotions and Placements
Prerequisites: SC 2183 and MC 2003; and MC 2023 or SC 2083; with a grade of "C" or better in each; and pass proficiency review.
Description: Advanced practices in strategic communication focusing on influencer marketing, cross promotions and product placement. Students will learn to build authentic connections with audiences, generate buzz, and integrate brands into popular culture. Ideal for those aiming to innovate in advertising, marketing, public relations, and sport communication, this course offers a comprehensive understanding of how modern brands succeed in a competitive marketplace. Previously offered as JB 4653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4663 Professional Portfolio
Prerequisites: SC 3353 and SC 3753; or MMJ 4423 with a grade of "C" or better in each; or permission of instructor; and pass proficiency review.
Description: Designed to help students polish and present their design and creative work in an integrated package coupled with personalized identity materials. Emphasis will be on applying advanced visual and graphic communication theories to present an attractive and persuasive portfolio of creative work. It is intended for students who have completed a significant amount of course work in their field. An intermediate level of experience with desktop design software is assumed.. Course previously offered as JB 4663.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

SC 4843 Strategic Communication Campaigns
Prerequisites: SC 3953 and SC 4493; both with "C" or better; and pass proficiency review.
Description: Planning, preparation and presentation of comprehensive integrated strategic communication campaigns for national or local clients. Student teams produce all aspects of the campaign, from conception to presentation. Satisfies capstone requirements for strategic communication majors. Course previously offered as JB 4843.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4940 Communication Competitions
Prerequisites: Instructor permission
Description: Course focuses on building the foundations for the Advertising Competitions course. It provides students with experience conducting primary and secondary research and executing the fundraising campaign. Working under a team concept on American Advertising Federation's (AAF) National Student Advertising Competition (NSAC), students will produce a detailed situation analysis, communications audit, primary and secondary research identifying problems and opportunities, and target audience analysis. Students accepted by application and interview. Offered for 3 credit hours, maximum of 6 credits.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SC 4980 Advertising Competitions
Prerequisites: Consent of instructor.
Description: Gain real-world experience on a team developing an integrated advertising campaign for the prestigious American Advertising Federation (AAF) National Student Advertising Competition (NSAC). Through extensive research, strategic planning, and creative execution, students will apply their advertising knowledge and skills and develop expertise in branding, marketing, media strategy, and campaign materials. Admission is by application. This course offers hands-on learning, professional mentoring, and the opportunity to showcase your work regionally and nationally. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 1883 Introduction to eSports
Description: This course introduces students to eSports. Students will learn about this history of eSports, the rapidly growing world of gaming, genres, streaming, lifestyle, careers, and the various eSports communities to understand how their different roles affect each other. We will begin to explore ways in which eSports are deeply rooted within media and broadcasting. Students will be able to demonstrate their ability to work as a group through team building exercises and effective team communication.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 2843 Sports and the Media
Prerequisites: Departmental majors only.
Description: An introductory course for sports media majors and an examination of the multibillion-dollar global sports industry. This course examines the state of the industry and professional careers associated with it. Topics include the evolution of sports media, racial, gender and inclusiveness issues in sports, multimedia sports journalism and ethics in the 21st century, sports communications and sports marketing. Course previously offered as JB 2843.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 3500 Sports Media Internship
Prerequisites: SPM 3813 and MMJ 3153 or (SC 3353 and SC 3753) with a grade of "C" or better and consent of instructor; and pass proficiency review.
Description: Internship practice for qualified sports media students who seek creative communications experience beyond that available in the classroom. Internships must be approved prior to counting hours worked. Must work sixty or more hours for each credit hour up to three credit hours for each individual internship. Course previously offered as JB 3500. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

SPM 3813 Sports Reporting for Multimedia
Prerequisites: MC 2003 and MC 2023 with a grade of "C" or higher in both; and pass proficiency review.
Description: Provides an introductory reporting course specifically for aspiring professionals of major sectors of the multimedia sports industry (i.e., television, internet, public relations, newspapers, radio, social media and magazines). Students learn the basics of game summaries, keeping accurate statistics, conducting interviews, structuring print and electronic media stories, incorporating quotes in sports media content, all while adhering to AP style and ethical standards of journalism and communications professions.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm
Additional Fees: SPM 3813 AP Stylebook fee of $5.30 applies.

SPM 3843 Contemporary Sports Issues
Description: This class will examine ethical and cultural considerations of the sports media as they pertain to case studies in sports promotion, NIL (Name, Image, and Likeness), sports gambling, drugs in sports, athletes and crime, privacy of athletes, gender and race in sports, international sports, labor issues in sports, and how the Internet is changing sports coverage.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 3863 Advanced Sports Reporting for Multimedia
Prerequisites: MMJ 3153 and SPM 3813 each with a grade of “C” or better; and pass proficiency review.
Description: Course builds upon SPM 3813 skills with introduction of sports anchoring skills, studio “sports debate” programs, extended audio stories (features and mini-podcasts) and video packages with companion print stories. Students will contribute these stories to student media productions and outlets. The course also discusses use of social media for professional purposes, online content creation, and current topics impacting multimedia sports journalism and professional ethics.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

SPM 3880 Topics in eSports
Description: Special topics in the field of eSports such as: eSports history, on-air talent, broadcasting, competition management, program coordination, brand management, promotion and advertising. Course content varies by semester. Each topic covered in the course is intended broaden students' horizons on the scope of, and ability to participate in, the eSports universe. No credit for students with previous credit for this course with same subtitle. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 4053 Sports Announcing
Prerequisites: MMJ 3153 and SPM 3813 with a grade of “C” or better; and pass proficiency review.
Description: Focuses on theory and practice of electronic media sports coverage, with an emphasis on the role, skills and practices of radio, TV, and online sports announcers. The class includes simulated play-by-play broadcasts and a class project. Course previously offered as JB 4053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 4560 Specialized Sports Media Applications
Prerequisites: SPM 2843 and SPM 3813 and MMJ 3153; each with a grade of "C" or better; and pass proficiency review.
Description: Professional sports media at an advanced level. Special topics in areas such as sports media production, announcing, performance; sports feature, column and editorial writing. Course content varies by semester. No credit for students in MC 5560 during same semester or with same subtitle. Course previously offered as JB 4560. Offered for fixed 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Media & Strategic Comm

SPM 4813 Sports Media Production
Prerequisites: SPM 2843 and SPM 3813 and MMJ 3153; each with a grade of “C” or better; and pass proficiency review.
Description: This course teaches creative editing and storytelling techniques specifically for the sports industry. Students produce promos, create highlight videos, and learn new software that is commonly used in the profession. Previously offered as JB 4813.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 4833 Sports Information
Prerequisites: SC 3353 or SPM 3813 with a grade of "C" or higher; and pass proficiency review.
Description: This course teaches skills needed to work in the sports information or sports public relations fields, particularly at the college level. Students will learn to write about a wide variety of collegiate sports while applying AP Style, proper grammar and effective storytelling. Students will also gain hands-on experience using social media in the sports information field.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

SPM 4853 Advanced Sports Writing
Prerequisites: SPM 2843 and SPM 3813 and MMJ 3263 with a grade of "C" or better in each; and pass proficiency review.
Description: Advanced sports writing and reporting, which includes a wide variety of writing and reporting assignments, leading to an emphasis on enterprise and investigative reporting, as well as long-form features. Final projects should be of such quality to serve as the lead products in individual student portfolios. Same course as JB 3853 and SPM 3853.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Media & Strategic Comm

SPM 4883 Sports Media Capstone
Prerequisites: SPM 3863 and MMJ 4393 each with a grade of "C" or better in both; and pass proficiency review.
Description: Capstone course for multimedia sports majors, giving them the opportunity to apply the skills they have learned to a final project that will be coordinated with a media outlet with the goal of publication. In addition, students will work on writing for print and electronic media, multimedia sports programming, management skills, and ethics and cultural issues in sports media. Course previously offered as JB 4883.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Media & Strategic Comm

Undergraduate Programs

- Multimedia Journalism, BA (p. 1621)
- Multimedia Journalism, BS (p. 1625)
- Sports Media, BA (p. 1628)
- Sports Media, BS (p. 1631)
- Strategic Communication: Advertising and Public Relations, BA (p. 1634)
- Strategic Communication: Advertising and Public Relations, BS (p. 1637)
- Strategic Communication: Global Communication, BA (p. 1640)
- Strategic Communication: Social Media, BA (p. 1643)
- Strategic Communication: Social Media, BS (p. 1646)
- Strategic Communication: Sport Communication, BA (p. 1649)
- Strategic Communication: Sport Communication, BS (p. 1652)

Graduate Programs

The School of Media and Strategic Communications offers courses leading to the degree of Master of Science in mass communications. Preferred qualifications for admission to the master's program include a bachelor's degree in an area of mass communication with an overall grade-point average of 3.0. The Graduate Record Exam (GRE) is not required. Graduates of a non-mass communication discipline may enter the Master of Science program, with the stipulation that they may need to complete, without graduate credit, foundation courses relevant to career interests during the first year of their graduate education. Graduate certificates are available in Brand Communication and Sport Communication.

Students in the MS program can specialize in the areas of brand communication, global communication, or sport communication. Basic emphasis is on the application of communication theories and research to the professional aspects of mass communication. Electives in behavioral sciences, business, or global studies are encouraged. For degree completion, students may complete a thesis, creative project, advanced practicum, or study abroad experience under faculty supervision.

- Mass Communications, MS (https://catalog.okstate.edu/graduate-college/masters-degrees/mass-communications-ms/)
- Brand Communication, GCRT (https://catalog.okstate.edu/graduate-college/graduate-certificate/brand-communication-gcrt/)
- Sport Communication, GCRT (https://catalog.okstate.edu/graduate-college/graduate-certificate/sport-communication-gcrt/)

Faculty

Jared Johnson, PhD—Director and Professor
Lori Christie, PhD—Associate Director and Professor
Professors: Lori Christie, PhD (Peggy Layman Welch Chair in Integrated Marketing Communication); Jared Johnson, PhD
Associate Professors: Asya Cooley, PhD; Skye Cooley, PhD; Bobbi Kay Lewis, PhD; Rachel Lim, PhD; Dylan McLemore, PhD; Ray Murray, MA; Sumin Shin, PhD
Assistant Professors: Andrew Abernathy, EdD; Rosemary Avance, PhD; Sujin Kim, PhD; Benetta Liu, PhD; Brian Petrotta, PhD
Professors of Professional Practice: Gina Noble, MS
Associate Professors of Professional Practice: Jinger Bernhardt, PhD
Assistant Professors of Professional Practice: Iara Roberto, MS
Visiting Associate Professors: Kelly Ogle, BS
Lecturer: Bonnie Cain-Wood, MS

Multimedia Journalism, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required (at least one hour) to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G) or (F)		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared MMJ major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
MMJ 2063	Fundamentals of Journalism	3
Upper-division Professional Sequence		
Proficiency Review required		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
MMJ 3553	Advanced Reporting	3
MMJ 4393	Data Journalism	3
MMJ 4973	Multimedia Journalism Capstone	3
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Select three courses (9 hours) from the following list:		9
MMJ 3313	Multimedia Editing	
MMJ 3773	Multimedia Voice and On-Camera Performance	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4413	Investigative Reporting	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MMJ 4573	Broadcast Documentary	
MMJ 4953	Advanced Production Practices	
MMJ 4960	Live Production (3 hours, max 6)	
MMJ 4970	Newscast Production (3 hours, max 6)	
Select 9 additional hours of MC-MMJ-SC-SPM (3 hours must be upper-division) excluding SPM 1883 and SPM 3880		9
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6
Hours Subtotal		**54**
Electives		
Select 4 hours - One hour may need to be upper-division.		4

May need to include 6 hours upper-division general education or CAS courses outside major department (see note 2.c.)	
MATH 1483 or MATH 1513 required for students not placing directly into STAT	
Hours Subtotal	**4**
Total Hours	**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
MMJ 2063	Fundamentals of Journalism (Fall Only)	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
1713 First Semester Foreign Language		3
General Education courses		3
Note: MC 2003, MC 2023 and MMJ 2063 could be taken as late as junior fall.		
	Hours	**15**
Spring		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
1813 Second Semester Foreign Language		3
College and Elective courses		6
Note: MMJ 3153 and MMJ 3263 could be delayed until junior year.		
	Hours	**15**
Junior		
Fall		
MMJ 3553	Advanced Reporting (Fall Only JR or SR year)	3
2000-level - Third Semester Foreign Language		3
Choices from "Pick Three" List to be taken in JR and SR years. Fall options typically include:		3
MMJ 3773	Multimedia Voice and On-Camera Performance	
MMJ 3873	Podcast and Audio Production	

MMJ 3913	Multimedia Content Creation	
MMJ 4960	Live Production	
Major, College, and Elective courses		6
	Hours	**15**
Spring		
MMJ 4393	Data Journalism (Must pass STAT first)	3
MC 4143	Ethics and Issues in Mass Communications	3
Choices from "Pick Three" List to be taken in JR and SR years. Spring options typically include:		3
MMJ 3313	Multimedia Editing	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MMJ 4573	Broadcast Documentary	
MMJ 4953	Advanced Production Practices	
MMJ 4970	Newscast Production	
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
MC 4163	Mass Communication Law	3
Major, College, "Pick Three" and Elective courses		12
	Hours	**15**
Spring		
MMJ 4973	Multimedia Journalism Capstone (Spring only)	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Multimedia Journalism, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC, MMJ, SC and SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared MMJ major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
MMJ 2063	Fundamentals of Journalism	3
Upper-division Professional Sequence		
Proficiency Review required		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
MMJ 3553	Advanced Reporting	3
MMJ 4393	Data Journalism	3
MMJ 4973	Multimedia Journalism Capstone	3
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Select three classes (9 hours) from the following list:		9
MMJ 3313	Multimedia Editing	
MMJ 3773	Multimedia Voice and On-Camera Performance	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4413	Investigative Reporting	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MMJ 4573	Broadcast Documentary	
MMJ 4953	Advanced Production Practices	
MMJ 4960	Live Production (3 hours, max 6)	
MMJ 4970	Newscast Production (3 hours, max 6)	
Select 9 additional hours of MC, MMJ, SC or SPM (3 hours must be upper-division) excluding SPM 1883 and SPM 3880		9
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6
Hours Subtotal		**54**
Electives		
Select 13 hours - One hour may need to be upper-division.		13
May need to include 6 hours of a foreign language. See note 3		

May need to include 6 hours upper-division general education or CAS courses outside major department (see note 2.c.)	
MATH 1483 or MATH 1513 required for students not placing directly into STAT	
Hours Subtotal	**13**
Total Hours	**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
General Education courses		13
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
	Hours	**16**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
MMJ 2063	Fundamentals of Journalism (Fall only)	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
General Education courses		6
Note: MC 2003, MC 2023 and MMJ 2063 could be taken as late as junior fall.		
	Hours	**15**
Spring		
MMJ 3153	Fundamentals of Video and Studio Production	3
MMJ 3263	Multimedia Reporting	3
College and Elective courses		9
Note: MMJ 3153 and MMJ 3263 could be taken in junior year.		
	Hours	**15**
Junior		
Fall		
MMJ 3553	Advanced Reporting (Fall only JR/SR year)	3
Choices from "Pick Three" List to be taken JR/SR year. Fall choices typically include:		3
MMJ 3773	Multimedia Voice and On-Camera Performance	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4960	Live Production	
Major, College, and Elective courses		9
	Hours	**15**
Spring		
Choices from "Pick Three" List to be taken JR/SR year. Spring choices typically include:		3
MMJ 3313	Multimedia Editing	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MMJ 4573	Broadcast Documentary	
MMJ 4953	Advanced Production Practices	
MMJ 4970	Newscast Production	
MMJ 4393	Data Journalism (Must pass STAT first)	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
MC 4163	Mass Communication Law	3
Major, College, "Pick Three" and Elective courses		12
	Hours	**15**
Spring		
MMJ 4973	Multimedia Journalism Capstone	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

1 Speak with academic advisor about saving General Education, Humanities (H) or elective choices to meet upper-division general education requirements or the Global Cultural Competency (G) requirement.

Sports Media, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
or STAT 3033	Sports Analytics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SPM major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
SPM 2843	Sports and the Media	3
Upper-division Professional Sequence		
Proficiency Review required		
MMJ 3153	Fundamentals of Video and Studio Production	3
SPM 3813	Sports Reporting for Multimedia	3
MMJ 4393	Data Journalism	3
SPM 3863	Advanced Sports Reporting for Multimedia	3
SPM 4883	Sports Media Capstone	3
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Select 9 hours from the following:		9
MMJ 3263	Multimedia Reporting	
MMJ 3313	Multimedia Editing	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MMJ 4960	Live Production (3 hours, max 6)	
SPM 4053	Sports Announcing	
SPM 4813	Sports Media Production	
SPM 4833	Sports Information	
SPM 4853	Advanced Sports Writing	
Select 9 hours additional of MC-MMJ-SC-SPM (3 hours must be upper-division) excluding SPM 1883 and SPM 3880		9
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6
Hours Subtotal		**54**
Electives		
Select 4 hours - One hour may need to be upper-division.		4

May need to include 6 hours upper-division general education or College of Arts and Sciences courses outside major department (see note 2.c.)	
MATH 1483 or MATH 1513 required if student does not place directly into STAT	
Hours Subtotal	**4**
Total Hours	**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education Courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SPM 2843	Sports and the Media (Fall only)	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
1713 First Semester Foreign Language		3
General Education courses		3
Note: MC 2003 and MC 2023 could be taken as late as junior fall if necessary.		
	Hours	**15**
Spring		
MMJ 3153	Fundamentals of Video and Studio Production	3
SPM 3813	Sports Reporting for Multimedia	3
1813 Second Semester Foreign Language		3
College or Elective courses or MMJ 3263 Multimedia Reporting from "Pick Three" List		6
Note: MMJ 3153 and SPM 3813 could be delayed until junior year if necessary.		
	Hours	**15**
Junior		
Fall		
SPM 3863	Advanced Sports Reporting for Multimedia (Fall only JR or SR year)	3
2000-level/Third Semester Foreign Language		3
Choice(s) from "Pick Three" List to be taken in JR and SR years. Fall options typically include:		3
SPM 4053	Sports Announcing	
SPM 4833	Sports Information	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4960	Live Production	
Major, College, or Elective courses		6
	Hours	**15**
Spring		
MMJ 4393	Data Journalism (must pass STAT first)	3
Choice(s) from "Pick Three" List to be taken in JR and SR years. Spring options typically include:		3
SPM 4813	Sports Media Production	
SPM 4853	Advanced Sports Writing (often Senior Year - requires MMJ 3263 first)	
MMJ 3263	Multimedia Reporting (good choice for sophomore or junior year)	
MMJ 3313	Multimedia Editing	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, or Elective courses		6
	Hours	**15**
Senior		
Fall		
MC 4163	Mass Communication Law	3
Major, College, "Pick Three" or Elective courses		12
	Hours	**15**
Spring		
SPM 4883	Sports Media Capstone (Spring only)	3
Major, College, or Elective courses		12
	Hours	**15**
	Total Hours	**120**

Sports Media, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
or STAT 3033	Sports Analytics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SPM major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
SPM 2843	Sports and the Media	3
Upper-division Professional Sequence		
Proficiency Review required		
MMJ 3153	Fundamentals of Video and Studio Production	3
SPM 3813	Sports Reporting for Multimedia	3
MMJ 4393	Data Journalism	3
SPM 3863	Advanced Sports Reporting for Multimedia	3
SPM 4883	Sports Media Capstone	3
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Select 9 hours from the following:		9
MMJ 3263	Multimedia Reporting	
MMJ 3313	Multimedia Editing	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MMJ 4960	Live Production (3 hours, max 6)	
SPM 4053	Sports Announcing	
SPM 4813	Sports Media Production	
SPM 4833	Sports Information	
SPM 4853	Advanced Sports Writing	
Select 9 hours additional of MC-MMJ-SC-SPM (3 hours must be upper-division) excluding SPM 1883 and SPM 3880		9
Select 6 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or Gen Ed		6
Hours Subtotal		**54**
Electives		
Select 13 hours - One hour may need to be upper-division.		13

May need to include 6 hours upper-division general education or College of Arts and Sciences courses outside major department (see note 2.c.)	
MATH 1483 or MATH 1513 required for students not placing directly into STAT	
Hours Subtotal	**13**
Total Hours	**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule

plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
General Education courses		11
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SPM 2843	Sports and the Media (Fall only)	3
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
General Education courses		6
Start foreign language if requirement not met in high school.		
Note: MC 2003 and MC 2023 could be taken as late as junior fall if necessary.		
	Hours	**15**
Spring		
MMJ 3153	Fundamentals of Video and Studio Production	3
SPM 3813	Sports Reporting for Multimedia	3
College or Elective courses or MMJ 3263 Multimedia Reporting from “Pick Three” List		9
Note: MMJ 3153 and SPM 3813 could be delayed until junior year if necessary.		
	Hours	**15**
Junior		
Fall		
SPM 3863	Advanced Sports Reporting for Multimedia (Fall only JR or SR year)	3
Choices from "Pick Three" List to be taken in JR and SR years. Fall options typically include:		3
SPM 4053	Sports Announcing	
SPM 4833	Sports Information	
MMJ 3873	Podcast and Audio Production	
MMJ 3913	Multimedia Content Creation	
MMJ 4960	Live Production	
Major, College, or Elective courses		9
	Hours	**15**
Spring		
MMJ 4393	Data Journalism (must pass STAT first)	3
Choices from "Pick Three" List to be taken in JR and SR years. Spring options typically include:		3
SPM 4813	Sports Media Production	
SPM 4853	Advanced Sports Writing (often Senior Year - requires MMJ 3263 first)	
MMJ 3263	Multimedia Reporting (good choice for sophomore or junior year spring)	
MMJ 3313	Multimedia Editing	
MMJ 4433	Multimedia Feature Writing and Storytelling	
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, or Elective courses		6
	Hours	**15**
Senior		
Fall		
MC 4163	Mass Communication Law	3
Major, College, "Pick Three" or Elective courses		12
	Hours	**15**
Spring		
SPM 4883	Sports Media Capstone (Spring only)	3
Major, College, or Elective courses		12
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education, Humanities (H) or elective choices to meet upper-division general education requirements or the Global Cultural Competency (G) requirement.

Strategic Communication: Advertising and Public Relations, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Courses designated (S)		3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		*9*
See note 2.a.		
Natural & Mathematical Sciences		*3*
See note 2.b.		
Foreign Language		*9*
See note 3.a.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SC major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Advertising & Public Relations		
SC 3383	Strategic Communications Management and Strategies	3
SC 3603	Creative Strategies	3
SC 4013	Media and Markets	3
Select 6 hours from the following:		6
SC 3050	Topics in Global Communication	
SC 3443	Social Media Playbook	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3693	Social Media Analytics	
SC 3783	Strategic Sport Communication	
SPM 3843	Contemporary Sports Issues	
SC 4053	Study Abroad: Strategic Messaging	
SC 4063	Creative Video for Digital Strategy	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	
SC 4940	Communication Competitions	

MC 4043	Media Study Abroad (G)	
Select 6 additional hours of MC, MMJ, SC or SPM		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education.		3
Hours Subtotal		**54**
Electives		
Select 4 hours - One hour may need to be upper-division.		4
May need to include 6 hours upper-division general education or College of Arts and Sciences courses outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**4**
Total Hours		**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
1713 First Semester Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
1813 Second Semester Foreign Language		3
College or Elective courses		9
SC 2183, MC 2003 and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3383	Strategic Communications Management and Strategies (Fall only)	3
2000-level/Third Semester Foreign Language		3
Major, College, or Elective courses		3
Note: SC 3383 can be taken JR or SR year in fall.		
	Hours	**15**
Spring		
SC 3603	Creative Strategies (Spring only)	3
SC 4013	Media and Markets (Spring only)	3
MC 4143	Ethics and Issues in Mass Communications	3
Upper-division SC or Media class from degree requirement list		3
Major, College, or Elective courses		3
	Hours	**15**
Senior		
Fall		
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4163	Mass Communication Law	3
Major, College, or Elective courses		6
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
Upper-division SC or Media class from degree requirement list		3
Major, College, or Elective courses		9
	Hours	**15**
	Total Hours	**120**

Strategic Communication: Advertising and Public Relations, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Courses designated (S)		3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SC major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Advertising & Public Relations		
SC 3383	Strategic Communications Management and Strategies	3
SC 3603	Creative Strategies	3
SC 4013	Media and Markets	3
Select 6 hours from the following:		6
SC 3050	Topics in Global Communication	
SC 3443	Social Media Playbook	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3693	Social Media Analytics	
SC 3783	Strategic Sport Communication	
SPM 3843	Contemporary Sports Issues	
SC 4053	Study Abroad: Strategic Messaging	
SC 4063	Creative Video for Digital Strategy	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	
SC 4940	Communication Competitions	

MC 4043	Media Study Abroad (G)	
Select 6 additional hours of MC, MMJ, SC or SPM		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education		3
Hours Subtotal		**54**
Electives		
Select 13 hours - One hour may need to be upper-division.		13
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education or College of Arts and Sciences courses outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**13**
Total Hours		**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
General Education courses		9
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
College and Elective courses		12
Note: SC 2183, MC 2003, and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3383	Strategic Communications Management and Strategies (Fall only)	3
Major, College, and Elective courses		6
Note: SC 3383 can be taken JR or SR year in fall.		
	Hours	**15**
Spring		
SC 3603	Creative Strategies (Spring only)	3
SC 4013	Media and Markets (Spring only)	3
MC 4143	Ethics and Issues in Mass Communications	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		3
	Hours	**15**
Senior		
Fall		
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Strategic Communication: Global Communication, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Courses designated (S)		3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		*9*
See note 2.a.		
Natural & Mathematical Sciences		*3*
See note 2.b.		
Foreign Language		*9*
See note 3.a.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SC major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Global Communication		
Pick 9 hours from global communication options:		9
SC 3050	Topics in Global Communication (3 hours each, max 9 hours)	
MC 4043	Media Study Abroad (G)	
MC 4153	International Mass Communication	
SC 4053	Study Abroad: Strategic Messaging	
Select 6 hours from the following:		6
SC 3383	Strategic Communications Management and Strategies	
SC 3443	Social Media Playbook	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3603	Creative Strategies	
SC 3693	Social Media Analytics	
SC 3783	Strategic Sport Communication	
SPM 3843	Contemporary Sports Issues	
SC 4013	Media and Markets	

SC 4063	Creative Video for Digital Strategy	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	
SC 4940	Communication Competitions	
Select 6 additional hours of MC, MMJ, SC or SPM		6
Select 3 hours of upper-division Traditional Liberal Arts (A&S, AERO, AMIS, AMST, ANTH, ART, ASL, ASTR, BIOL, CDIS, CHEM, CHIN, CS, DANC, DIVR, ENGL FLL, FREN, GEOG, GEOL, GREK, GRMN, GWST, HIST, JAPN, LATN, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, RUSS, SOC, SPAN, SPCH, STAT, TH) or Business or General Education.		3
Hours Subtotal		**54**
Electives		
Select 4 hours - One hour may need to be upper-division.		4
May need to include 6 hours upper-division general education or CAS courses outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**4**
Total Hours		**120**

Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.

No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.

Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- For BA degrees, no more than 54 hours in one department (MC-MMJ-SC-SPM) may be required to meet degree requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
1713 First Semester Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
1813 Second Semester Foreign Language		3
College or Elective courses		9
SC 2183, MC 2003 and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
2000-level/Third Semester Foreign Language		3
SC Global Class from List		3
Major, College, or Elective courses		3
Note: SC 3383 can be taken JR or SR year in fall.		
	Hours	**15**
Spring		
MC 4143	Ethics and Issues in Mass Communications	3
SC Global Class from List		3
Upper-division SC or Media class from degree requirement list		3
Major, College, or Elective courses		6
	Hours	**15**
Senior		
Fall		
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4163	Mass Communication Law	3
Major, College, or Elective courses		6
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
SC Global Class from List (such as faculty-led travel class)		3
Upper-division SC or Media class from degree requirement list		3
Major, College, or Elective courses		6
	Hours	**15**
	Total Hours	**120**

Strategic Communication: Social Media, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G) or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
9 hours. See note 3.		9
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SC major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Social Media		
SC 3443	Social Media Playbook	3
SC 3693	Social Media Analytics	3
SC 4063	Creative Video for Digital Strategy	3
Select 6 hours from:		6
SC 3050	Topics in Global Communication	
SC 3383	Strategic Communications Management and Strategies	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3603	Creative Strategies	
SC 3783	Strategic Sport Communication	
SPM 3843	Contemporary Sports Issues	
SC 4013	Media and Markets	
MC 4043	Media Study Abroad (G)	
SC 4053	Study Abroad: Strategic Messaging	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	

SC 4940	Communication Competitions	
Select 6 additional hours of MC, MMJ, SC or SPM		6
Select 3 hours of upper-division MKTG.		3
Hours Subtotal		**54**
Electives		
Select 4 hours - One hour may need to be upper-division.		4
May need to include 6 hours upper-division general education or CAS courses outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**4**
Total Hours		**120**

Strategic Communications Requirements

- Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.
- No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate..
- Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
1713 First Semester Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
SC 2183, MC 2003, and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
2000-level/Third Semester Foreign Language		3
Upper-division MKTG course		3
Major, College, and Elective courses		3
	Hours	**15**
Spring		
SC 3443	Social Media Playbook (Spring only)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4143	Ethics and Issues in Mass Communications	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		3
	Hours	**15**
Senior		
Fall		
SC 3693	Social Media Analytics (Fall only)	3
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SC 4063	Creative Video for Digital Strategy (Fall only)	3
MC 4163	Mass Communication Law	3
Related Major and Elective courses		3
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Strategic Communication: Social Media, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		*3*
See note 2.a.		
Natural & Mathematical Sciences		*9*
See note 2.b.		
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SC major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Social Media		
SC 3443	Social Media Playbook	3
SC 3693	Social Media Analytics	3
SC 4063	Creative Video for Digital Strategy	3
Select 6 hours from:		6
SC 3050	Topics in Global Communication	
SC 3383	Strategic Communications Management and Strategies	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3603	Creative Strategies	
SC 3783	Strategic Sport Communication	
SPM 3843	Contemporary Sports Issues	
SC 4013	Media and Markets	
MC 4043	Media Study Abroad (G)	
SC 4053	Study Abroad: Strategic Messaging	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	

SC 4940	Communication Competitions	
Select 6 additional hours of MC, MMJ, SC or SPM.		6
Select 3 hours of upper-division MKTG.		3
Hours Subtotal		**54**
Electives		
Select 13 hours - One hour may need to be upper-division.		13
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education or College of Arts and Sciences courses outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**13**
Total Hours		**120**

Strategic Communications Requirements

- Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.
- No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.
- Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
General Education courses		9
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
College and Elective courses		12
SC 2183, MC 2003, and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
Upper-division MKTG course		3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
SC 3443	Social Media Playbook (Spring only)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4143	Ethics and Issues in Mass Communications	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		3
	Hours	**15**
Senior		
Fall		
SC 3693	Social Media Analytics (Fall only)	3
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SC 4063	Creative Video for Digital Strategy (Fall only)	3
MC 4163	Mass Communication Law	3
Major Related Electives courses		3
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Strategic Communication: Sport Communication, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Courses Designated (S)		3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3.a.		9
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared Strategic Communication major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Sport Communication		
SC 3783	Strategic Sport Communication	3
SC 3443	Social Media Playbook	3
SPM 4833	Sports Information	3
Select 6 hours from:		6
SC 3050	Topics in Global Communication	
SC 3383	Strategic Communications Management and Strategies	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3603	Creative Strategies	
SC 3693	Social Media Analytics	
SC 4013	Media and Markets	
MC 4043	Media Study Abroad (G)	
SC 4053	Study Abroad: Strategic Messaging	
SC 4063	Creative Video for Digital Strategy	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	

SC 4940	Communication Competitions	
Select 6 additional hours of MC, MMJ, SC or SPM		6
Select 3 hours from the following:		3
AMST 3723	Cultural History of American Sports (DH)	
ECON 3723	The Economics of Sport	
GEOG 4213	Sport, Place and Society (S)	
MGMT 3943	Sports Management	
MGMT 3963	Social Issues in Sports Management	
MGMT 4943	International Sports Management (G)	
MKTG 3713	Sports Marketing	
POLS 3973	Race, Politics and Sports (D)	
SOC 3153	Sociology of Sport (S)	
Hours Subtotal		**54**
Electives		
Select 4 hours - One hour may need to be upper-division.		4
May need to include 6 hours upper-division general education or College of Arts and Sciences courses outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly in STAT.		
Hours Subtotal		**4**
Total Hours		**120**

Strategic Communications Requirements

- Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.
- No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.
- Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
1713 First Semester Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
Note: SC 2183, MC 2003, and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
Upper-division SC or Media class from degree requirement list		3
2000-level/Third Semester Foreign Language		3
Major, College, and Elective courses		3
	Hours	**15**
Spring		
SC 3783	Strategic Sport Communication (Spring only)	3
SPM 3843	Contemporary Sports Issues (Spring only JR or SR year)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		3
	Hours	**15**
Senior		
Fall		
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SPM 4833	Sports Information (Fall only)	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
Upper-division SC or Media class from degree requirement list		3
Upper-division sports-related class from degree requirement list		3
Major, College, and Elective courses		6
	Hours	**15**
	Total Hours	**120**

Strategic Communication: Sport Communication, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Analytical & Quantitative Thought (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2023	Elementary Statistics for Business and Economics (Q)	
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
Courses designated (S)		3
Diversity (D)		
MC 1143	Media in a Diverse Society (DS)	3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		*3*
See note 2.a.		
Natural & Mathematical Sciences		*9*
See note 2.b.		
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum 2.50 GPA. Minimum grade of "C" in all MC-MMJ-SC-SPM prefix courses.		
Lower-division Professional Sequence		
2.75 GPA, 24 earned credit hours and declared SC major required to take the following classes:		
MC 2003	Mass Media Style and Structure	3
MC 2023	Digital Media Essentials	3
or SC 2083	Digital Communication for Strategic Communication	
SC 2183	Introduction to Strategic Communications	3
Upper-Division Professional Sequence		
Proficiency Review required to take courses below:		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
SC 3953	Research Methods for Strategic Communicators	3
SC 4493	Strategic Writing for Content Creation	3
SC 4843	Strategic Communication Campaigns	3
or SC 4980	Advertising Competitions	
MC 4143	Ethics and Issues in Mass Communications	3
MC 4163	Mass Communication Law	3
Sport Communication		
SC 3783	Strategic Sport Communication	3
SC 3443	Social Media Playbook	3
SPM 4833	Sports Information	3
Select 6 hours from:		6
SC 3050	Topics in Global Communication	
SC 3383	Strategic Communications Management and Strategies	
SC 3463	Event Planning and Communication	
SC 3483	Nonprofit Communications	
SC 3600	Strategic Communications Internship	
SC 3603	Creative Strategies	
SC 3693	Social Media Analytics	
SC 4013	Media and Markets	
MC 4043	Media Study Abroad (G)	
SC 4053	Study Abroad: Strategic Messaging	
SC 4063	Creative Video for Digital Strategy	
SC 4603	Integrated Marketing Communication	
SC 4653	Influencers, Promotions and Placements	

SC 4940	Communication Competitions	
Select 6 additional hours of MC, MMJ, SC, or SPM		6
Select 3 hours from:		3
AMST 3723	Cultural History of American Sports (DH)	
ECON 3723	The Economics of Sport	
GEOG 4213	Sport, Place and Society (S)	
MGMT 3943	Sports Management	
MGMT 3963	Social Issues in Sports Management	
MGMT 4943	International Sports Management (G)	
MKTG 3713	Sports Marketing	
POLS 3973	Race, Politics and Sports (D)	
SOC 3153	Sociology of Sport (S)	
Hours Subtotal		**54**
Electives		
May need to include 6 hours of a foreign language. See note 3.		
Select 13 hours - One hour may need to be upper-division.		13
May need to include 6 hours of upper-division general education outside major department. See note 2.c.		
MATH 1483 or MATH 1513 required for students who do not place directly into STAT.		
Hours Subtotal		**13**
Total Hours		**120**

Strategic Communications Requirements

- Passing the proficiency review is required for upper-division major requirements. This includes a 2.75 graduation retention GPA, and at least 12 OSU hours earned, and a 2.75 OSU GPA, and a passing score on the Language Proficiency Exam.
- No more than 6 hours in MC-MMJ-SC-SPM transferred from other institutions can be used toward major requirements. Additional hours in MC-MMJ-SC-SPM transferred from other institutions may be applied to other degree requirements as appropriate.
- Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.50 GPA in all MC-MMJ-SC-SPM prefix courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department. This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Other Content

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2030.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
STAT 2013 is required for this degree. Students who do not place directly into statistics should discuss alternate math-prefixed courses with their advisor in order to qualify to take STAT 2013 next.		
General Education courses		11
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
STAT 2013 or STAT 2053 or STAT 2023	Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q) or Elementary Statistics for Business and Economics (Q)	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
SC 2183	Introduction to Strategic Communications	3
MC 2003 or MC 2023	Mass Media Style and Structure or Digital Media Essentials	3
General Education courses		9
	Hours	**15**
Spring		
MC 2023 or MC 2003	Digital Media Essentials or Mass Media Style and Structure	3
College and Elective courses		12
Note: MC 2003 and MC 2023 can be taken as late as junior fall.		
	Hours	**15**
Junior		
Fall		
SC 3353	Persuasive Writing for Strategic Communicators	3
SC 3753	Graphic Design for Strategic Communication	3
Upper-division SC or Media class from degree requirement list		3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
SC 3783	Strategic Sport Communication (Spring only)	3
SPM 3843	Contemporary Sports Issues (Spring only JR or SR year)	3
SC 4493	Strategic Writing for Content Creation	3
MC 4143	Ethics and Issues in Mass Communications	3
Major, College, and Elective courses		3
	Hours	**15**
Senior		
Fall		
SC 3953	Research Methods for Strategic Communicators (Must pass STAT first)	3
SPM 4833	Sports Information (Fall Only)	3
MC 4163	Mass Communication Law	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
SC 4843 or SC 4980	Strategic Communication Campaigns or Advertising Competitions	3
Upper-division SC or Media class from degree requirement list		3
Upper-division sports-related class from degree requirement list		3
Major, College, and Elective courses		6
	Hours	**15**
	Total Hours	**120**

Microbiology and Molecular Genetics

Microbiology/Cell and Molecular Biology

Microbiology is the hands-on study of bacteria, viruses, fungi and algae and their many relationships to humans, animals, plants and the environment. Cell and molecular biology bridges the fields of chemistry, biochemistry and biology as it seeks to understand life and cellular processes at the molecular level. Microbiologists apply their knowledge to infectious diseases and pathogenic mechanisms; food production and preservation, industrial fermentations which produce chemicals, drugs, antibiotics, alcoholic beverages and various food products; biodegradation of toxic chemicals and other materials present in the environment; insect pathology; the exciting and expanding field of biotechnology which endeavors to utilize living organisms to solve important problems in medicine, agriculture, and environmental science; infectious diseases; and public health and sanitation.

Microbes live in every imaginable habitat. They generate two-thirds of the oxygen in our atmosphere, drive the geochemical cycles that make life on Earth sustainable and are the basis of every food web. As model organisms used for basic research, microbes have contributed more than any other organisms to the current knowledge of genetics at the molecular level and genomics.

In contrast to the enormous benefits derived from some microbes, other microorganisms and viruses are the causative agents of infectious disease and hence have a devastating impact on humanity. These pathogens are the subjects of research into the mechanisms of infections, with the ultimate goal of combating or preventing diseases.

Departmental courses are designed to provide comprehensive training and the skills required for working with microorganisms in a professional setting, as well as a broad understanding of all aspects of microbial life. The lecture courses are taught by tenured faculty members and the laboratory courses are designed to integrate classroom learning with hands-on research experience.

Opportunities for employment exist at all scholarly levels, in many local, state and national agencies and industry. The record for employment of microbiologists has been excellent for many years and with the increased interest in biotechnology, medicine and the human microbiome, employment opportunities look even brighter for the future.

Microbiology is the strongest possible foundation for students who wish to go to medical, dental, veterinary or graduate schools. We take pride in offering research and internship opportunities that prepare students for careers in the biomedical sciences. Our graduates find jobs in medicine, health care, medical laboratories, teaching, research, industry and government.

Medical Laboratory Science Option

This option is designed to give students the broad general education and the technical skills that are required for a successful career in medical laboratory science (MLS). The minimum requirement for the BS degree in Microbiology/Cell and Molecular Biology with the (MLS) option is three years of university work that includes general chemistry, organic chemistry, biochemistry, immunology, genetics, anatomy & physiology, physics, upper-division courses in microbiology, and one year of clinical laboratory education (internship).

For certification and completion of the BS degree, students will take one year of clinical internship in program accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS) and affiliated with Oklahoma State University. Students have the options of the following hospitals/programs: Comanche County Memorial Hospital, Lawton, OK; St. Francis Hospital, Tulsa, OK; Mercy Hospital, Ada, OK; Mercy Hospital, Ardmore, OK.

Medical Laboratory Science is unique in allowing students to enter the health profession directly after obtaining a BS degree. Clinical laboratory scientists comprise the third-largest segment of the healthcare professions and are an important member of the healthcare team, working alongside doctors and nurses. Students who complete Microbiology/Cell and Molecular Biology with the MLS option enjoy a 100% employment rate upon graduation.

Courses

MICR 1211 First Year Microbiology Laboratory Experience
Prerequisites: MCMB major and concurrent enrollment in A&S 1111.
Description: This laboratory course is designed for First Year majors to experience microbiology in parallel with A&S 1111. Students will apply pure culture technique to obtain and characterize environmental isolates. Students also will learn light microscopy skills, anaerobic culture technique, and molecular biology skills.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 1213 Biology of Health (N)
Description: An introduction to the biology of human health and factors that impact health including infectious and genetic diseases and contributions from the environment. Students will learn about the role of microbes in our health and the cellular and molecular processes associated with diseases. The course will also introduce challenges associated with treating diseases and maintaining health. Student knowledge will be assessed through quizzes, exams and writing projects that explore related topics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Natural Science Reasoning

MICR 1223 Fantastic Microbes and Where to Find Them: Extreme Microbial Worlds
Description: This course will provide a comprehensive overview of microbes that thrive in various extremophilic environments. The diverse structural and functional adaptations of microbes, their interactions with their habitats, and their use in industrial and societal applications will be explored. You will also gain an overview of methods for detecting and identifying these microorganisms. The information will be presented in a thorough yet broad overview, so no course prerequisites are required. Join our journey into the Extreme Microbial Worlds.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 1513 Inquiry-Based Biology
Description: Directed inquiry and hands-on study of biological principles. Restricted to elementary education majors or related fields as model course to learn and teach science.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 2123 Introduction to Microbiology
Prerequisites: Grade of "C" or better in BIOL 1114 or (BIOL 1113 and BIOL 1111) and either CHEM 1215 or CHEM 1314 or CHEM 1414 with a grade of "C" or better or concurrent enrollment in one.
Description: General principles of the biology of microorganisms, including bacteria, viruses, algae, fungi, protozoa and archaea. Course previously offered as MICR 2125.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 2132 Introduction to Microbiology Laboratory
Prerequisites: MICR 2123 or concurrent enrollment.
Description: Laboratory safety, aseptic technique, microscopy, staining and culture techniques, collection of microbial samples, isolation and identification of microorganisms, microbial growth and basic principles of metabolism, environmental microbiology, other discipline specific laboratory skills.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 2153 Pandemics Plagues and People (N)
Description: Overview of pandemics and plagues that have impacted human health. Course covers the historical aspects of how pandemics arose, how society was impacted and how science, medicine, and society responded to the outbreaks. Previously offered as MICR 4153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Natural Science Reasoning
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

MICR 2890 Honors Experience in Microbiology
Prerequisites: Honors Program participation and concurrent enrollment in a designated MICR course.
Description: A supplemental Honors experience in Microbiology to partner concurrently with designated MICR 2123 and/or MICR 2132 course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Honors Credit

MICR 3033 Cell and Molecular Biology
Prerequisites: (MICR 2123 with "C" or better) or (PBIO 1404 or BIOL 1604 and CHEM 1225 or CHEM 1414 or CHEM 1515 or equivalent with a grade of "C" or better).
Description: The cell concept and cell morphology, cell macromolecules, organelles, enzymes, energetics, movement of water and materials across membranes, influence of external environment, cellular synthesis, growth and maintenance, control and integration of function, replication, differentiation, origin, and evolution of cells. Course previously offered as CLML 3014, BIOL 3014, and BISC 3014.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 3053 Synthetic Biology
Prerequisites: BIOL 1113 and CHEM 1515
Description: Engineering of living systems at the molecular, cellular, and organismal levels: Origin of cellular life; reading and writing DNA; enzyme evolution; metabolic engineering. Applications to current and future biotechnologies in agriculture and medicine: Food and drug synthesis; biofuels; vaccines. This cross-listed course is designed to satisfy upper division elective requirements for students majoring in biochemistry or microbiology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 3103 Microbes: Friends or Foes (N)
Description: Explores the impact of microorganisms on human life, the environment, and world history. This course is designed for non-science majors.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Natural Science Reasoning

MICR 3143 Medical Mycology
Prerequisites: MICR 2123 and MICR 2132 with a grade of "C" or better.
Description: Examination of fungi as animal pathogens; laboratory techniques used in the identification of human and animal pathogens, and differentiation from common contaminants.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 3154 Food Microbiology
Prerequisites: Minimum grade of "C" in (MICR 2123 and MICR 2132) and (CHEM 3013 or CHEM 3053).
Description: Relationship of microorganisms to food manufacture and preservation, to food spoilage and microbial food poisoning and to various aspects of primary food production. Same course as FDSC 3154. Course previously offered as ANSI 3154.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 3162 Synthetic Biology Laboratory Course
Prerequisites: BIOL 1113 and CHEM 1515
Description: Computer and laboratory exercises to introduce students with a wide range of biology experience to the practical principles of synthetic biology. Students learn the design of genetic circuits and CRISPR-Cas systems and create & test these designs in the laboratory using industry-standard molecular biology techniques. Same course as BIOC 3162. Students are strongly encouraged to co-enroll in BIOC/MICR3153 using the appropriate prefix according to their major.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 3213 My Genome: The DNA Revolution and what it means for you (N)
Description: Since the discovery of DNA as the universal genetic code, the field has advanced by leaps and bounds: scientists can now decipher, examine and modify the blueprints for life. This course emphasizes the relation between the underlying science of human genetics, the study of genomes (genomics), and the medical social issues that are emerging. Through hands-on activities, students learn about groundbreaking technologies like genome sequencing and gene editing and how these technologies impact diverse fields ranging from forensics to anthropology often leading to ethical dilemmas.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 3223 Advanced Microbiology
Prerequisites: Concurrent enrollment or completion of CHEM 3013 or CHEM 3053 and minimum grade of "C" in MICR 2123 and MICR 2132.
Description: Subcellular structure and function of microorganisms. Synthesis, translocation, and metabolism of cellular macromolecular constituents. Substrate transport and metabolism. Course previously offered as MICR 3224 and MICR 4224.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 3253 Immunology
Prerequisites: MICR 2123 and MICR 2132 and MICR 3033 or BIOC 3653 or BIOC 3713.
Description: Vertebrate host's ability to defend itself against foreign intrusion. Chemistry and biology of the acquired immune response. Course previously offered as MICR 3254 and CLML 3254.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 3333 Science Writing for a Broad Audience
Prerequisites: BIOL 1114 or (BIOL 1113 and BIOL 1111).
Description: Students will write three documents and will review texts on related topics written by other students in the course. The scientific topics for these texts will be selected by the students. Each of the three texts will be designed for a different audience: undergraduate students in the same major; high school students, and the general public. These texts will illustrate the scientific inquiry process, scientific methods, results and interpretation of scientific evidence, and relevance to society. Students will receive instructions on how to write, revise, and review these texts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 3553 Foundations of Cancer
Prerequisites: Minimum grade of "C" in CHEM 1225 or CHEM 1414 or CHEM 1515.
Description: Course covers six themes: causes of cancer, cancer genetics, cancer progression/diagnosis, cancer treatments, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers; also, for cancer patients/relatives/caregivers, as well as for those interested in knowledge of cancer. Same course as PHYS 3553. Previously offered as MICR 3233. May not be used for degree credit with MICR 5553, PHYS 5553.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Microbiology & Mol Gen

MICR 3890 Advanced Honors Experience in Microbiology
Prerequisites: Honors Program participation and concurrent enrollment in a designated MICR course.
Description: A supplemental Honors experience in microbiology to partner concurrently with designated upper-division MICR course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Honors Credit

MICR 4000 Honors in Microbiology
Prerequisites: Consent of departmental honors committee.
Description: Supervised study and research in microbiology. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Honors Credit

MICR 4001 Professional Transitions in Microbiology and Cell and Molecular Biology
Prerequisites: MICR 2123 or MICR 2132.
Description: Understanding major areas and employment activities in microbiology, cell biology and molecular biology fields. Evaluating and understanding scientific and professional literature, and making the transition from undergraduate education to postgraduate education or employment.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4003 Brewing Microbiology (N)
Description: Brewing Microbiology is about the science behind beer brewing. Students will learn about the microbiology of yeast (including growth, metabolism, aseptic technique and contamination), biology of grain, biochemistry of malted barley, chemistry of water, preservative nature of hops, and the human physiology of taste and smell. There are no prerequisites for this course, although high school or freshman level biology and chemistry is helpful.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Natural Science Reasoning

MICR 4012 Molecular Microbiology Laboratory I
Prerequisites: MICR 3033 or MICR 3223.
Description: Emphasis on good laboratory practices in microbiology and molecular biology; isolation and enumeration of microorganisms; physiological, biochemical, and molecular characterization of aerobic and anaerobic microorganisms. May not be used for degree credit with MICR 5012. Course previously offered as CLML 4012.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 4013 Microbial Diversity, Ecology, and Evolution
Prerequisites: MICR 2123 and BIOL 3023.
Description: This course covers the fundamentals of ecology and evolution as they pertain to microbes, while also emphasizing the extensive diversity of the microbial world. Students in this course will receive instruction in the underlying principles of phylogenetics and microbial phylogeny, of microbe-microbe, microbe-host, and microbe-environment interactions, and of key principles of evolutionary theory as they apply to microbes. May not be used for degree credit with MICR 5013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4023 Microbiomes in Human Health and the Environment
Prerequisites: MICR 2123, MICR 2132, and MICR 3033.
Description: This course covers the changing landscape in the molecular diversity of microbial communities, their interactions with biotic and abiotic entities, and how changes in microbiomes impact the health of living organisms and the environment. The main topics of this course include: microbes and microbial interactions; genomes and metagenomes; microbiome structure and function (alpha and beta diversity, phylogenetic trees); human microbiomes (gut, skin, oral) and their role in health; the microbiomes of soil, water and sediments; and the role of microbiomes in ecosystem function. Environmental microbiome effects on the human microbiome. May not be used for degree credit with MICRO 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4052 Pathogenic Microbiology Lab
Prerequisites: MICR 2123 and MICR 2132 with a grade of "C" or better.
Description: Overview of laboratory approaches and techniques for the study, characterization, and identification of bacteria involved in pathogenesis.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 4053 Pathogenic Microbiology
Prerequisites: MICR 2123 and MICR 2132 with a grade of "C" or better.
Description: Survey of pathogenic bacteria and the diseases they cause as they relate to humans and animals. Morphology, physiology, and pathogenic mechanisms of a specific bacterial pathogens. May not be used for degree credit with MICR 5053. Course previously offered as MICR 4134 and MICR 3134.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4112 Molecular Microbiology Capstone
Prerequisites: MICR 4012 with a grade of "C" or better.
Description: Continuation of MICR 4012. Molecular characterization of prokaryotic and eukaryotic microorganisms utilizing nucleic acids, proteins, cell fractionation, cytology, and antigen-antibody reactions. Same course as MICR 5112.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 4117 Clinical Microbiology
Prerequisites: Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except 30 hours clinical laboratory science.
Description: The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi, and parasites. Includes isolation, identification, antimicrobial susceptibility testing, and medical significance. Course previously offered as CLLS 4117 and MTCL 4117.
Credit hours: 7
Contact hours: Contact: 14 Other: 14
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4123 Virology
Prerequisites: MICR 2123 and (BIOL 3023 or MICR 3033 or BIOC 3653)
Description: Fundamental concepts of virology. Covers virus diversity & evolution, virus structure, infection & immune responses, vaccines & virus technology as well as virus discovery, emergence and epidemiology. Both eukaryotic and prokaryotic viruses (bacteriophages) will be discussed. May not be used for degree credit with MICR 5123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4125 Clinical Chemistry I
Prerequisites: Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.
Description: The theory and laboratory methodology of analytical biochemistry, clinical microscopy, routine and special procedures, and medical significance. Course previously offered as CLLS 4125 and MTCL 4125.
Credit hours: 5
Contact hours: Contact: 10 Other: 10
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4163 Foundations of Cellular Life
Prerequisites: MICR 3033 or permission from instructor.
Description: This class will provide an in-depth introduction into fundamental principles that apply to any microorganism and will provide an intellectual framework to understand all cells. The fundamentals discussed will be illustrated through a combination of classical and recent scientific breakthroughs. It will provide a solid, deep foundation for a successful academic career in microbiology. May not be used for degree credit with MICR 5163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4203 Bioinformatics
Prerequisites: MICR 3033 or BIOC 3653 or equivalent.
Description: Fundamental concepts of biological sequence information and inferential techniques to assign structure, function, and evolutionary relationship among genes and proteins. No prior programming necessary, but familiarity with computers assumed. No credit for students with credit in MICR 5203.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4233 Advanced Cell and Molecular Biology
Prerequisites: MICR 3033 with a grade of "C" or better.
Description: Advanced topics in cell and molecular biology including regulatory mechanisms of gene expression, protein function, cell structure and organization, cell division, and development. May not be used for degree credit with MICR 5233. Course previously offered as CLML 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4236 Clinical Hematology
Prerequisites: Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours of clinical laboratory science.
Description: Systematized study of diseases, cell maturation and function, principles of hemostasis; methodology used in routine and special hematology studies; and correlation of hematological findings with physiological conditions. Course previously offered as CLLS 4236 and MTCL 4236.
Credit hours: 6
Contact hours: Contact: 12 Other: 12
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4246 Clinical Immunology
Prerequisites: Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.
Description: Immunologic responses and procedures used in serological determinations; immunohematology, fundamentals of antigen-antibody reactions, blood groups and types, compatibility testing, blood components, and the lab methods used as they relate to the medical significance of immunology and infectious diseases. Course previously offered as CLLS 4246 and MTCL 4246.
Credit hours: 6
Contact hours: Contact: 12 Other: 12
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4253 Concepts in Medical Genetics
Prerequisites: BIOL 3023.
Description: Application of genetic principles in the study of human diseases, including the inheritance, molecular mechanisms, detection, characterization, and discovery of human genes. No credit for students with credit in MICR 5253. Course previously offered as CLML 4253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4263 Microbial Genetics: from Genes to Genomes
Prerequisites: MICR 3033 with a grade of "C" or better.
Description: Integration of genetics and genomics principles, the basic processes of gene transmission, molecular biology of gene expression and evolutionary genetics by gaining social and historical context in which genetics are developed. Participants are expected to comprehend the dramatic change in our understanding of genetics and the role such information has in our view of disability and disease. May not be used for degree credit with MICR 5263. Course previously offered as CLML 4263 and CLML 4264.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 4313 GeoMicrobiology
Description: Microbes have altered Earth's landscape over the past 3.5 billion years driving biogeochemical cycles and are still shaping our planet's surface. This course explores how microbes control geochemical processes and how geochemistry influences microbes. Course topics will cover microbe-mineral interactions, extremophiles, redox-geochemistry, enhanced oil and gas recovery, microbial metabolism and the diversity of microbial lifestyles. Students will gain an overview of methods used for the detection and identification of microorganisms in geological materials. This course is a journey along deep-sea sediments, hydrothermal systems, oil and gas reservoirs, agricultural soils, caves, Mars and many more. May not be used for degree credit with MICR 5313.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4323 Cellular Energy Metabolism
Prerequisites: MICR 3033 or BIOC 3653.
Description: An exploration of the principals and mechanisms of energy utilization and transformation in animals, plants, and microbial systems. The course covers a range of topics from basic molecular mechanisms to recent advances in understanding energy flow in whole organisms. It includes new insights into the nanomachines involved in cell movement as well current genome-enabled approaches to understanding cellular energy metabolism. May not be used for degree credit with MICR 5323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4325 Clinical Chemistry II
Prerequisites: Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.
Description: The theory and laboratory methodology of analytical biochemistry, instrumentation, lab mathematics, routine and special procedures and medical significance. Course previously offered as CLLS 4325 and MTCL 4325.
Credit hours: 5
Contact hours: Contact: 10 Other: 10
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4351 Topics in Clinical Laboratory Science
Prerequisites: Concurrent internship in affiliated hospital and all degree requirements for BS in microbiology except for 30 hours clinical laboratory science.
Description: Principles and practices of the medical laboratory including basic management, quality assurance, education methodology, computer applications, laboratory safety, and special projects in selected areas. Course previously offered as CLLS 4351 and MTCL 4351.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4423 Antibiotics and Antibiotic Resistance
Prerequisites: MICR 2123.
Description: This course begins with a basic history of antibiotics, including their discovery and industrial development. It covers the major classes of antibiotics, their structures and mechanisms of action, and the mechanisms by which bacteria become resistant to antibiotics. Also covered are industrial and commercial considerations, antibiotic stewardship, current challenges, and future prospects for antibiotic discovery and use. Same course as MICR 5423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4524 Biological Laboratory Instrumentation
Prerequisites: CHEM 1515 or equivalent and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.
Description: Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, microcontrollers, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit with BIOL 5524, MICR 5524, PBIO 5524. Same course as BIOL 4524 and PBIO 4524.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 4531 Chemical Biology
Prerequisites: CHEM 3053, MICR 3112, MICR 3153.
Description: Chemistry explains many properties of biological macromolecules and also provides research tools to study these molecules. This course will examine how both of these aspects help explain the molecular processes at the basis of life, and will cover (1) basic knowledge of chemistry needed to understand life, (2) chemical reactions as they occur in the cell, (3) chemical methods that are valuable to research in the life sciences.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4543 Microbial Genomics and Bioinformatics
Prerequisites: MICR 2123; MICR 3033 or MICR 3223 or equivalents.
Description: Basic approaches and strategies for microbial genome analysis, and hands-on training on the subject. May not be used for degree credit with MICR 5543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 4990 Special Problems
Prerequisites: Consent of instructor.
Description: Investigations in the field of microbiology. Offered for variable credit, 1-3 credit hours, maximum of 18 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 4993 Senior Honors Project
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A research project under the direction of a faculty member resulting in a written report to be judged by a second faculty member as well. Required for graduation with departmental honors in microbiology.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen
General Education and other Course Attributes: Honors Credit

MICR 5000 Thesis
Prerequisites: Consent of major professor.
Description: A student studying for the M.S. degree enrolls in this course for six hours credit. Offered for variable credit, 2-6 credit hours, maximum of 6 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 5002 Professionalism for the Microbiologist
Prerequisites: Microbiology graduate student or permission of instructor.
Description: Introduces the microbiology graduate student to the standards of the microbiology professional and to basic skills in communication and data retrieval needed by all microbiologists. It is required of all and limited to MS and PhD students in Microbiology & Molecular Genetics. Course previously offered as MICR 5001.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5012 Molecular Microbiology Laboratory I
Prerequisites: MICR 3223, MICR 4233.
Description: Emphasis on good laboratory practices in microbiology and molecular biology; isolation and enumeration of microorganisms; physiological, biochemical, and molecular characterization of aerobic and anaerobic microorganisms. Must be taken in conjunction with MICR 5112 the following semester. No credit for students with credit in MICR 4012.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Graduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 5013 Microbial Diversity, Ecology, and Evolution
Prerequisites: MICR 2123 and BIOL 3023.
Description: This course covers the fundamentals of ecology and evolution as they pertain to microbes, while also emphasizing the extensive diversity of the microbial world. Students in this course will receive instruction in the underlying principles of phylogenetics and microbial phylogeny, of microbe-microbe, microbe-host, and microbe-environment interactions, and of key principles of evolutionary theory as they apply to microbes. No credit for students with credit in MICR 4013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5023 Microbiomes in Human Health and the Environment
Description: This course covers the changing landscape in the molecular diversity of microbial communities, their interactions with biotic and abiotic entities, and how changes in microbiomes impact the health of living organisms and the environment. The main topics of this course include: microbes and microbial interactions; genomes and metagenomes; microbiome structure and function (alpha and beta diversity, phylogenetic trees); human microbiomes (gut, skin, oral) and their role in health; the microbiomes of soil, water, and sediments; and the role of microbiomes in ecosystem function. Environmental mircobiome effects on the human microbiome. May not be used for degree credit with MICR 4023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5052 Techniques In Molecular Biolog
Prerequisites: Graduate student and permission of instructor.
Description: Provides the basic skills for scientific thinking and analysis in molecular microbiological research.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 5053 Pathogenic Microbiology
Prerequisites: MICR 2123 and MICR 2132. Co-requisite(s): MICR 3223.
Description: Survey of pathogenic bacteria and the diseases they cause as they relate to humans and animals. Morphology, physiology, and pathogenic mechanisms of specific bacterial pathogens. May not be used for degree credit with MICR 4053. Course previously offered as MICR 5134.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5112 Molecular Microbiology Capstone
Prerequisites: MICR 5012.
Description: Continuation of MICR 5012. Molecular characterization of prokaryotic and eukaryotic microorganisms utilizing nucleic acids, proteins, cell fractionation, cytology, and antigen-antibody reactions. No credit for students with credit in MICR 4112.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Graduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 5113 Advanced Immunology
Description: Advanced studies with emphasis on the regulation of vertebrate immune responses.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5123 Virology
Prerequisites: MICR 2123 and (BIOL 3023 or MICR 3033 or BIOC 3653)
Description: Fundamental concepts of virology. Covers virus diversity & evolution, virus structure, infection & immune responses, vaccines & virus technology as well as virus discovery, emergency and epidemiology. Both eukaryotic and prokaryotic viruses (bacteriophages) will be discussed. May not be used for degree credit with MICR 4123 or CBSC 5133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5142 Techniques in Molecular Biology
Prerequisites: Consent of instructor.
Description: Comprehensive laboratory course in research techniques involving classical genetics and molecular biology. Course previously offered as MICR 4142.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Graduate
Schedule types: Lab
Department/School: Microbiology & Mol Gen

MICR 5160 Seminar
Prerequisites: Consent of instructor.
Description: Required of and limited to all MS and PhD students majoring in microbiology, cell and molecular biology. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 5163 Foundations of Cellular Life
Prerequisites: OSU graduate student or permission of instructor.
Description: This class will provide an in-depth introduction into fundamental principles that apply to any microorganism and will provide an intellectual framework to understand all cells. The fundamentals discussed will be illustrated through a combination of classical and recent scientific breakthroughs. It will provide a solid, deep foundation for a successful academic career in microbiology. Previously offered as MICR 6163. May not be used for degree credit with MICR 4163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5203 Bioinformatics
Prerequisites: MICR 3033 or BIOC 3653 or equivalent.
Description: Fundamental concepts of biological sequence information and inferential techniques to assign structure, function, and evolutionary relationship among genes and proteins. No prior programming necessary, but familiarity with computer desktop assumed. No credit for students with credit in MICR 4203. Course previously offered as CLML 5203.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5233 Advanced Cell and Molecular Biology
Prerequisites: MICR 3033.
Description: Advanced topics in cell and molecular biology including regulatory mechanisms of gene expression, protein function, cell structure and organization, cell division, and development. No credit for students with credit in MICR 4233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5253 Concepts in Medical Genetics
Prerequisites: BIOL 3023.
Description: Application of genetic principles in the study of human diseases, including the inheritance, molecular mechanisms, detection, characterization, and discovery of human genes. No credit for students with credit in MICR 4253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5263 Microbial Genetics: from Genes to Genomes
Description: Integration of genetics and genomics principles, the basic processes of gene transmission, molecular biology of gene expression and evolutionary genetics by gaining social and historical context in which genetics are developed. Participants are expected to comprehend the dramatic change in our understanding of genetics and the role such information has in our view of disability and disease. May not be used for degree credit with MICR 4263.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 5273 Advanced Principles of Microbial Pathogenesis
Description: Advanced study of the pathogenic mechanisms used by microbial pathogens to cause disease. Principles of pathogen and pathogen-host interactions that lead to disease pathology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5313 GeoMicrobiology
Description: Microbes have altered Earth's landscape over the past 3.5 billion years driving biogeochemical cycles and are still shaping our planet's surface. This course explores how microbes control geochemical processes and how geochemistry influences microbes. Course topics will cover microbe-mineral interactions, extremophiles, redox-geochemistry, enhanced oil and gas recovery, microbial metabolism and the diversity of microbial lifestyles. Students will gain an overview of methods used for the detection and identification of microorganisms in geological materials. This course is a journey along deep-sea sediments, hydrothermal systems, oil and gas reservoirs, agricultural soils, caves, Mars and many more.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5323 Cellular Energy Metabolism
Prerequisites: MICR 3033 or BIOC 3653.
Description: An exploration of the principals and mechanisms of energy utilization and transformation in animals, plants, and microbial systems. The course covers a range of topics from basic molecular mechanisms to recent advances in understanding energy flow in whole organisms. It includes new insights into the nanomachines involved in cell movement as well current genome-enabled approaches to understanding cellular energy metabolism. May not be used for degree credit with MICR 4323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5333 Controversies in Vaccinology
Prerequisites: OSU graduate student status or permission of instructor.
Description: Public misconceptions about science abound, however, these misconceptions have a major impact on perception of research and public policy. Examples of themes in science as portrayed, for example, in film will be explored and critically discussed. Ways to improve communication between the scientist and the general public will be evaluated.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5423 Antibiotics and Antibiotic Resistance
Description: This course begins with a basic history of antibiotics, including their discovery and industrial development. It covers the major classes of antibiotics, their structures and mechanisms of action, and the mechanisms by which bacteria become resistant to antibiotics. Also covered are industrial and commercial considerations, antibiotic stewardship, current challenges, and future prospects for antibiotic discovery and use. Same course as MICR 4423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5513 Grant Proposal Preparation
Prerequisites: Admission into Microbiology graduate program. Formats, strategies, and styles of research grant proposal writing.
Description: Activities include hypothesis development and critical evaluation of research proposals.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Graduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Microbiology & Mol Gen

MICR 5524 Biological Laboratory Instrumentation
Prerequisites: CHEM 1515 or equivalent and PBIO 1404 or MICR 2123 or BIOL 1604 or equivalents or consent of instructor.
Description: Lecture and laboratory course in biological instrumentation use, theory, experimental design, maintenance, and troubleshooting. Topics include liquid handling systems, pH/ISE meters, electrophoresis, spectrophotometers, centrifuges, chromatography, thermocyclers, and DNA sequencers. May not be used for degree credit with BIOL 4524; MICR 4524; PBIO 4524. Previously offered as BIOL 5524; PBIO 5524.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 4 Contact: 6
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Microbiology & Mol Gen

MICR 5543 Microbial Genomics and Bioinformatics
Prerequisites: MICR 2123; MICR 3033 or MICR 3223 or equivalents.
Description: Basic approaches and strategies for microbial genome analysis, and hands-on training on the subject. Graduate students enrolled in the class are expected to give a comprehensive presentation on the genomic analysis done throughout the semester. The presentation should be a manuscript format with a brief Introduction, Materials and Methods, Results, and Discussion. A comprehensive use of all principals covered in class is expected and will be used for evaluation. Credit will also be given to handling questions and presentation skills. May not be used for degree credit with MICR 4543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 5553 Foundations of Cancer
Prerequisites: A minimum grade of "C" in CHEM 3053 (or equivalent) or MICR 3033 (or equivalent) or consent of instructor.
Description: Course covers six themes: causes of cancer, cancer genetics, cancer progression/diagnosis, cancer treatments, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Suitable for graduate students in cancer-related research. Same course as PHYS 5553. May not be used for degree credit with MICR 3553, or PHYS 3553.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Graduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Microbiology & Mol Gen

MICR 5990 Special Problems
Prerequisites: Permission of instructor.
Description: Investigations in the field of Microbiology. Offered for variable credit, 1-4 credit hours, maximum of 10 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Graduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 6000 Dissertation
Prerequisites: Consent of major adviser.
Description: Research in microbiology for the PhD degree. Offered for variable credit, 1-15 credit hours, maximum of 45 credit hours.
Credit hours: 1-15
Contact hours: Contact: 1-15 Other: 1-15
Levels: Graduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 6112 Molecular Biology of Bacterial Viruses
Prerequisites: MICR 4123 and MICR 4133.
Description: Advanced study of bacteriaphages. Course previously offered as MICR 6113.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 6120 Recent Advances in Microbiology
Prerequisites: One graduate course in biochemistry.
Description: Discussion and evaluation of recent scientific contributions in terms of the living organism. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Microbiology & Mol Gen

MICR 6133 Cellular Microbiology
Prerequisites: A strong undergraduate level background in microbiology, biochemistry or cell biology is expected.
Description: The molecular interactions between intracellular parasites and their host cells will be explored, emphasizing the manipulation of normal cellular processes to the benefit of the parasite. The course will involve critical reading of the current literature and development of an understanding of molecular microbe and cell biology research techniques.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 6143 Advanced Microbial Physiology
Prerequisites: MICR 3223 or consent of instructor.
Description: Discussion of selected topics in microbial physiology. Critical analysis of research papers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 6153 Molecular Microbial Genetics
Description: Examine modern and classical genetic techniques to understand the underlying principles of molecular genetics using original literature.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 6223 Molecular Environmental Microbiology and Ecology
Prerequisites: MICR 3223 or consent of instructor.
Description: This course focuses on fundamental and applied aspects of microbial ecology, physiology and genomics. The course aims to highlight the value of microbes in applied disciplines such as medicine, agriculture, and biotechnology. Recent advances in methodologies and approaches for examining the phylogenetic and metabolic diversity of microorganisms in various ecosystems, as well as tools for understanding microbial community composition and identification of rare members of microbial community will be highlighted.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 6253 Microbial Evolution
Prerequisites: MICR 2123, MICR 2132, BIOC 3653, BIOL 3023.
Description: The mechanisms and results of microbial evolution in nature and in the laboratory, with emphasis on microbes as model evolutionary systems, molecular evolution, classification and phylogeny, and discussion of protobiology and the probable fate of engineered microbes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

MICR 6323 Cell Signaling
Prerequisites: A strong undergraduate level background in microbiology, biochemistry, or cell biology is expected.
Description: Discussion of current literature on the mechanisms of prokaryotic and eukaryotic signal transduction and gene regulation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Microbiology & Mol Gen

Undergraduate Programs

- Microbiology, BS (p. 1668)
- Microbiology: Medical Laboratory Science, BS (p. 1671)
- Microbiology: Pre-Medical/Pre-Dental, BS (p. 1674)
- Microbiology: Pre-Veterinary, BS (p. 1678)

Graduate Programs

The department offers graduate studies leading to the MS and PhD degrees in various areas of concentration, including microbial physiology, microbial genetics, microbial ecology, microbial pathogenesis, immunology, cell biology and the human microbiome.

Prerequisites

Applicants for admission must have received the baccalaureate degree from an accredited university or college and must have completed a minimum of 30 semester credit hours in the biological and physical sciences. The Aptitude Test portion of the Graduate Record Examination is required of all applicants. A majority of the departmental graduate faculty must approve applicants.

The Master of Science Degree

In addition to the general requirements for the degree, the following departmental requirements must be met in attaining 30 credit hours with thesis. The plan of study must include six thesis hours and one credit hour microbiology seminar for the traditional degree. An accelerated MS degree is available that is largely coursework and literature based, which allows completion of the degree in as little as 12 months. Literature research includes at least six credit hours in independent study.

Candidates for the MS degree are expected to attend and participate in all departmental seminars. A final oral examination covering the thesis (or literature research for the accelerated program) is administered by the advisory committee following a public presentation of the candidate's research.

The Doctor of Philosophy Degree

The study plan of a student entering the program with a bachelor's degree must include 30 credit hours in the biological and physical sciences. Those entering with a master's degree must include 15 hours in courses other than dissertation credits which were not included in the master's study plan. Three hours of microbiology seminar must be included.

Candidates for the PhD are expected to attend and participate in all departmental seminars. Candidates for the PhD degree must pass both a written and an oral qualifying examination. The final examination covering the dissertation research is given promptly after the candidate has given a public seminar on his/her research work.

Minors

- Microbiology (MICR), Minor (p. 1667)

Faculty

Sangita Sinha, PhD—Professor and Department Head
Erika Lutter, PhD—Associate Professor and Associate Department Head
Professors: Robert L. Burnap, PhD (Regents Professor and Vennerberg Chair in Bioinformatics); Mostafa S. Elshahed, PhD (Regents Professor); Babu Z. Fathepure, PhD; Jeffrey A. Hadwiger, PhD; Wouter D. Hoff, PhD; Rolf A. Prade, PhD; Marianna A. Patrauchan, PhD; Noha Youssef, PhD; Matt Cabeen, PhD
Associate Professors: Randy Morgenstein, PhD; Karen Wozniak, PhD; Avi Mitra, PhD
Assistant Professors: Sabrina Beckmann, PhD

Microbiology (MICR), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Tyler George, 309 LSE, 405-744-5565

Minimum Grade Point Average in Minor Coursework: 2.00 with no grade below "C."
Total Hours: 15

Code	Title	Hours
Minor Requirements		
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Select 10 additional hours upper-division microbiology courses		10
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Microbiology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or higher)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN) [1]	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 2 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 2 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		2
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
A minimum grade of "C" in each course		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
PBIO 1404	Plant Biology (LN)	4
or BIOL 1604	Animal Biology	
or BIOL 3214	Human Anatomy	
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MATH 2144	Calculus I (Q)	3
or STAT 2013	Elementary Statistics (Q)	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
MICR 3223	Advanced Microbiology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 4012	Molecular Microbiology Laboratory I	2
or MICR 4990	Special Problems	
or CHEM 4990	Undergraduate Research in Chemistry	
or BIOC 4990	Undergraduate Research	
or BIOL 4700	Undergraduate Research Problems	
MICR 4112	Molecular Microbiology Capstone	2
or MICR 4990	Special Problems	
or CHEM 4990	Undergraduate Research in Chemistry	
or BIOC 4990	Undergraduate Research	
or BIOL 4700	Undergraduate Research Problems	
MICR 4233	Advanced Cell and Molecular Biology	3
MICR 4253	Concepts in Medical Genetics	3
or MICR 4263	Microbial Genetics: from Genes to Genomes	
Select 9 hours upper-division MICR (except MICR 3103) or upper-division hours from BIOL, BIOC, CHEM, ANSI, PHYS, PBIO, NSCI, STAT, CS, or MATH. (At least 6 hours MICR)		9
Select 3 hours of MICR or BIOL [3]		3

Hours Subtotal		**52**
Electives [2]		
Select 15 hours		15
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Recommended courses:		
MICR 1211	First Year Microbiology Laboratory Experience	
Hours Subtotal		**15**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements.

[3] Suggested courses: MICR 2153, MICR 3103

Additional courses may be required for professional and/or graduate degrees.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1813	Preparation for Calculus (Q)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
MICR 1211	First Year Microbiology Laboratory Experience (elective)	1
General Education courses		7
	Hours	**15**
Spring		
CHEM 1314	Chemistry I (LN)	4
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
MATH 2144 or STAT 2013	Calculus I (Q) or Elementary Statistics (Q)	4
General Education courses		3
	Hours	**16**
Sophomore		
Fall		
MICR 3033	Cell and Molecular Biology	3
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**14**
Spring		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
PHYS 1114	College Physics I (LN)	4
Major, General Education, and Elective courses		6
	Hours	**15**
Junior		
Fall		
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 4012	Molecular Microbiology Laboratory I (Fall only)	2
BIOC 3653 or CHEM 3153	Survey of Biochemistry or Organic Chemistry II	3
BIOL 1604 or BIOL 3204 or PBIO 1404	Animal Biology or Physiology or Plant Biology (LN)	4
Major, General Education, and Elective courses		6
	Hours	**16**
Spring		
MICR 4233	Advanced Cell and Molecular Biology (Spring only)	3
MICR 4112	Molecular Microbiology Capstone (Spring only)	2
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
Major, General Education, and Elective courses, or BIOC 3653		7
	Hours	**15**
Senior		
Fall		
MICR 4253 or MICR 4263	Concepts in Medical Genetics (Fall only) [2] or Microbial Genetics: from Genes to Genomes	3
General education, Major, and Elective courses		12
	Hours	**15**
Spring		
MICR 3223	Advanced Microbiology	3
Major, General Education, and Elective courses		11
	Hours	**14**
	Total Hours	**120**

1. Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.
2. MICR 4263 offered Spring only

Microbiology: Medical Laboratory Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or higher)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN)	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 2 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 2 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		2
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
A minimum grade of "C" in each course		
BIOC 3653	Survey of Biochemistry (or)	3
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
PBIO 1404	Plant Biology (LN)	4
or BIOL 1604	Animal Biology	
or BIOL 3214	Human Anatomy	
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3253	Immunology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 3033	Cell and Molecular Biology	3
BIOL 3204	Physiology	4
Complete Internship (p. 1671)		30
Hours Subtotal		**61**
Electives		
Select 6 hours		6
May need to include 6 hours of a foreign language. (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Recommended courses		
MICR 1211	First Year Microbiology Laboratory Experience	
Hours Subtotal		**6**
Total Hours		**120**

Internship

First Year

Fall		Hours
MICR 4117	Clinical Microbiology	7
MICR 4125	Clinical Chemistry I	5
	Hours	**12**

Spring		
MICR 4236	Clinical Hematology	6
MICR 4246	Clinical Immunology	6
	Hours	**12**
Summer		
MICR 4325	Clinical Chemistry II	5
MICR 4351	Topics in Clinical Laboratory Science	1
	Hours	**6**
	Total Hours	**30**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1813	Preparation for Calculus (Q) (or higher)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4

MICR 1211	First Year Microbiology Laboratory Experience	1
General Education courses		7
	Hours	**15**
Spring		
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
CHEM 1314	Chemistry I (LN)	4
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
MICR 3033	Cell and Molecular Biology	3
CHEM 1515	Chemistry II (LN)	5
General Education and Elective courses		7
	Hours	**15**
Spring		
CHEM 3013 or CHEM 3053	Survey of Organic Chemistry or Organic Chemistry I	3
CHEM 3012	Survey of Organic Chemistry Laboratory (If taking CHEM 3013)	2
PHYS 1114	College Physics I (LN)	4
General Education courses		6
	Hours	**15**
Junior		
Fall		
BIOC 3653 or BIOC 3713 or CHEM 3153	Survey of Biochemistry or Biochemistry I or Organic Chemistry II	3
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
BIOL 3204	Physiology	4
MICR 3253	Immunology (Fall only)	3
College and Elective courses		3
	Hours	**16**
Spring		
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
BIOL 1604 or BIOL 3214	Animal Biology or Human Anatomy	4
General Education and Electives or BIOC 3653 or BIOC 3813		9
	Hours	**14**
Summer		
MICR 4325	Clinical Chemistry II	5
MICR 4351	Topics in Clinical Laboratory Science	1
	Hours	**6**
Senior		
Fall		
MICR 4117	Clinical Microbiology	7
MICR 4125	Clinical Chemistry I	5
	Hours	**12**
Spring		
MICR 4236	Clinical Hematology	6
MICR 4246	Clinical Immunology	6
	Hours	**12**
	Total Hours	**120**

Microbiology: Pre-Medical/Pre-Dental, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or higher)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
PHYS 1214	College Physics II (LN) [1]	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 2 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 2 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		2
Hours Subtotal		**40**
College/Departmental Requirements		
First Year Seminar		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [2]		
A minimum grade of "C" in each upper-division course and MICR 2123 and MICR 2132		
Select from the following: [3]		3
BIOC 3653	Survey of Biochemistry [3]	
OR		
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II [3]	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
or PBIO 1404	Plant Biology (LN)	
or BIOL 3214	Human Anatomy	
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
BIOL 3204	Physiology	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
Select one of the following courses: [5]		3
MATH 2144	Calculus I (Q) [5]	
STAT 2013	Elementary Statistics (Q) [5]	
STAT 3023	Statistical Reasoning for Medical Applications (Q) [5]	
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
MICR 3223	Advanced Microbiology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
or UNIV 3511	Health Profession School Preparation	
MICR 4012	Molecular Microbiology Laboratory I	2
or MICR 4990	Special Problems	
or CHEM 4990	Undergraduate Research in Chemistry	
or BIOC 4990	Undergraduate Research	
or BIOL 4700	Undergraduate Research Problems	
MICR 4112	Molecular Microbiology Capstone	2
or MICR 4990	Special Problems	
or CHEM 4990	Undergraduate Research in Chemistry	
or BIOC 4990	Undergraduate Research	
or BIOL 4700	Undergraduate Research Problems	

MICR 4233	Advanced Cell and Molecular Biology	3
Select 9 hours from the following:		9
MICR 3143	Medical Mycology [4]	
MICR 3253	Immunology	
MICR 3553	Foundations of Cancer	
MICR 4123	Virology	
MICR 4023	Microbiomes in Human Health and the Environment	
MICR 4053	Pathogenic Microbiology	
MICR 4203	Bioinformatics	
MICR 4253	Concepts in Medical Genetics	
MICR 4423	Antibiotics and Antibiotic Resistance	
MICR 4543	Microbial Genomics and Bioinformatics	
MICR 4263	Microbial Genetics: from Genes to Genomes	
Hours Subtotal		**57**
Electives [2, 3]		
Select 10 hours [3,5]		10
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Additional requirements for professional school admission exist. View Admission Requirements Sheets at your chosen school and/or at http://prehealth.okstate.edu.		
Recommended courses:		
MICR 1211	First Year Microbiology Laboratory Experience	
PSYC 1113	Introductory Psychology (S)	
SOC 1113	Introductory Sociology (S)	
UNIV 2511	Introduction to Health Careers	
UNIV 2611	Health Portfolio and Self-Development	
Hours Subtotal		**10**
Total Hours		**120**

1 College and Departmental Requirements that may be used to meet General Education Requirements.
2 With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements.
3 If BIOC 3713 and BIOC 3813 are selected, then elective hours will be reduced by 3 hours.
4 Offered Infrequently.
5 If MATH 2144 is chosen, Elective hours will be decreased by 1.

Additional requirements for professional school admission may exist. View Admission Requirements Sheets at your chosen school and/or at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
MATH 1813	Preparation for Calculus (Q)	3
MICR 1211	First Year Microbiology Laboratory Experience	1
General Education courses		7
	Hours	**15**
Spring		
MATH 2144 or STAT 2013	Calculus I (Q) or Elementary Statistics (Q)	4
MICR 2123 & MICR 2132	Introduction to Microbiology and Introduction to Microbiology Laboratory	5
CHEM 1314	Chemistry I (LN)	4
General Education courses		3
	Hours	**16**
Sophomore		
Fall		
MICR 3033	Cell and Molecular Biology	3
CHEM 1515	Chemistry II (LN)	5
General Education courses		6
	Hours	**14**
Spring		
MICR 4233	Advanced Cell and Molecular Biology (Spring only)	3
CHEM 3053	Organic Chemistry I	3
PHYS 1114	College Physics I (LN)	4
General Education and Elective courses		6
	Hours	**16**
Junior		
Fall		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1214	College Physics II (LN)	4
General Education and Elective courses		6
	Hours	**15**
Spring		
BIOC 3653 or BIOC 3713	Survey of Biochemistry or Biochemistry I	3
BIOL 3204	Physiology	4
BIOL 3023 or ANSI 3423	General Genetics or Animal Genetics	3
MICR 4001 or UNIV 3511	Professional Transitions in Microbiology and Cell and Molecular Biology or Health Profession School Preparation	1
General Education and Elective courses		3
	Hours	**14**
Senior		
Fall		
MICR 4012	Molecular Microbiology Laboratory I (Fall only)	2
MICR 3223	Advanced Microbiology	3
MICR 4253 or MICR 3143 or MICR 3553 or MICR 4023 or MICR 4053 or MICR 4123 or MICR 4203 or MICR 4263 or MICR 4423 or MICR 4543	Concepts in Medical Genetics [1,2] or Medical Mycology or Foundations of Cancer or Microbiomes in Human Health and the Environment or Pathogenic Microbiology or Virology or Bioinformatics or Microbial Genetics: from Genes to Genomes or Antibiotics and Antibiotic Resistance or Microbial Genomics and Bioinformatics	3
Major, College, and Elective courses or BIOC 3813		7
	Hours	**15**
Spring		
MICR 4112	Molecular Microbiology Capstone (Spring only)	2
BIOL 1604 or BIOL 3214	Animal Biology or Human Anatomy	4
MICR 4263 or MICR 3143 or MICR 3553 or MICR 4023 or MICR 4053 or MICR 4123 or MICR 4203 or MICR 4253 or MICR 4423 or MICR 4543	Microbial Genetics: from Genes to Genomes [1,2] or Medical Mycology or Foundations of Cancer or Microbiomes in Human Health and the Environment or Pathogenic Microbiology or Virology or Bioinformatics or Concepts in Medical Genetics or Antibiotics and Antibiotic Resistance or Microbial Genomics and Bioinformatics	3
Major, General Education or Elective courses		6
	Hours	**15**
	Total Hours	**120**

[1] The following courses are offered only in Fall semesters: MICR 3143 (of odd years), MICR 4023, MICR 4123, MICR 4203, MICR 4253, MICR 4423.

[2] The following courses are offered only in Spring semesters: MICR 4053, MICR 4263, MICR 4543.

Microbiology: Pre-Veterinary, BS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1813	Preparation for Calculus (Q) (or higher)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
PHYS 1114	College Physics I (LN) [1]	4
PHYS 1214	College Physics II (LN) [1]	4
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 2 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 2 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F)		2
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314 & CHEM 1515	Chemistry I (LN) and Chemistry II (LN)	9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
A minimum grade of "C" in each upper-division course and MICR 2123 and MICR 2132		
Select from the following: [3]		3
ANSI 3543	Principles of Animal Nutrition	3
BIOC 3653	Survey of Biochemistry [3]	
OR		
BIOC 3713 & BIOC 3813	Biochemistry I and Biochemistry II [3]	
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
BIOL 1604	Animal Biology	4
BIOL 3023	General Genetics	3
or ANSI 3423	Animal Genetics	
Select one of the following:		5
CHEM 3013 & CHEM 3012	Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory	
CHEM 3053 & CHEM 3112 & CHEM 3153	Organic Chemistry I and Organic Chemistry Laboratory and Organic Chemistry II	
MATH 2144	Calculus I (Q)	4
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
MICR 3223	Advanced Microbiology	3
MICR 4001	Professional Transitions in Microbiology and Cell and Molecular Biology	1
MICR 4012	Molecular Microbiology Laboratory I	2
or MICR 4990	Special Problems	
or CHEM 4990	Undergraduate Research in Chemistry	
or BIOC 4990	Undergraduate Research	
or BIOL 4700	Undergraduate Research Problems	
MICR 4112	Molecular Microbiology Capstone	2
or MICR 4990	Special Problems	
or CHEM 4990	Undergraduate Research in Chemistry	
or BIOC 4990	Undergraduate Research	
or BIOL 4700	Undergraduate Research Problems	
MICR 4233	Advanced Cell and Molecular Biology	3
Supplemental Courses		
MICR 4253	Concepts in Medical Genetics	3
or MICR 4263	Microbial Genetics: from Genes to Genomes	
or MICR 4543	Microbial Genomics and Bioinformatics	
or ANSI 3453	Canine and Feline Genetics	
or ANSI 3463	Equine Genetics	
Select 9 hours from the following:		9

ANSI 3444	Animal Reproduction	
CHEM 4313	Medicinal Organic Chemistry	
ENGL 3323	Technical Writing	
HIST 3913	History of Medicine (H)	
MICR 3253	Immunology	
MICR 3553	Foundations of Cancer	
MICR 4053	Pathogenic Microbiology	
MICR 4023	Microbiomes in Human Health and the Environment	
MICR 4123	Virology	
MICR 4203	Bioinformatics	
MICR 4423	Antibiotics and Antibiotic Resistance	
NREM 4523	Wildlife Management Techniques	
PHIL 3703	Ethics & Animals (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4713	Philosophy of Science (H)	
PHIL 4733	Philosophy of Biology (H)	
Hours Subtotal		**57**
Electives [2,3]		
Select 10 hours [3]		10
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Additional requirements for professional school admission exist. View Admission Requirements Sheets at your chosen school and/or at http://prehealth.okstate.edu.		
Recommended courses:		
MICR 1211	First Year Microbiology Laboratory Experience	
Hours Subtotal		**10**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements.

[3] If BIOC 3713 and BIOC 3813 are selected, then elective hours will be reduced by 3 hours.

Additional requirements for professional school admission may exist. View Admission Requirements Sheets at your chosen school and/or at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Military Science

Students desiring to expand the scope of their education, while preparing for a dynamic and rewarding career as an officer in the United States Army, Active Duty, National Guard or Army Reserve, choose the Army Reserve Officer Training Corps program (ROTC) as an adjunct to their chosen field of study. With courses dealing in a wide range of subjects from leadership to tactics, taught both indoors and out, the Army ROTC program produces over 5,000 second lieutenants each year across the nation.

The Army ROTC program consists of a basic course and an advanced course. Students desiring to see what the program is like may enroll in up to 13 hours of military science with no commitment to the United States Army. During this basic course, emphasis is placed upon leadership, war gaming, individual skills, problem-solving, rappelling and land navigation. All lower-division ROTC courses are open to the entire University community regardless of year in school.

Students committing themselves to a commission in the United States Army are required to enroll in the Army ROTC advanced course upon completion of the basic course or equivalent. The advanced course consists of 12 hours of academic work taken during the junior and senior year. In addition, participation in a five-week summer camp is mandatory. The advanced course emphasizes further development of leadership skills, offensive and defensive tactics, physical conditioning, ethics, military law, professional and basic military knowledge and skills. Additionally, advanced course students are responsible for use of required military skills as they act as assistant instructors during laboratory periods, plan leadership laboratories, plan and conduct field training exercises and are responsible for coordinating and supervising departmental extracurricular activities. In addition there are several students who join Army ROTC in the simultaneous Membership Program in which they are both students in the ROTC and members of the Army Reserve or Oklahoma National Guard. This provides tremendous experience and economic benefit.

All advanced course students must satisfy directed professional military education (PME) requirements prior to receiving a commission. Commissioning through ROTC consists of two essential parts—a baccalaureate degree and completion of the advanced course requirements to include an upper-division military history course.

Students interested in the Department of Military Science are encouraged to visit with departmental faculty members at any time for further information concerning departmental course offerings and class sequence. A number of two-and three-year scholarships are available through the department. Prior enrollment in military science is not a prerequisite for departmental scholarship application.

Courses

MLSC 1113 Foundations of Officership
Description: Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 1213 Basic Leadership
Description: Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 2122 Leader's Training Course
Prerequisites: Must meet with Department head and have their approval.
Description: For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Military Science

MLSC 2130 Military Physical Conditioning
Prerequisites: Must meet with department head and have their approval.
Description: Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Military Science

MLSC 2233 Individual Leadership Studies
Description: Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 2313 Leadership and Teamwork
Prerequisites: MLSC 2233.
Description: Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 3113 Leadership and Problem Solving
Prerequisites: Completion of lower-division MLSC or equivalent, and approval of professor of military science.
Description: Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 3223 Leadership and Ethics
Prerequisites: MLSC 3113.
Description: Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 4014 Leader Development and Assessment Course
Prerequisites: Must meet with Department Head and have their approval.
Description: A five-week camp conducted at an Army post. Individual leadership and basic skills performance.
Credit hours: 4
Contact hours: Lab: 8 Contact: 8
Levels: Undergraduate
Schedule types: Lab
Department/School: Military Science

MLSC 4123 Leadership and Management
Prerequisites: MLSC 3113 and MLSC 3223.
Description: Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 4223 Officership
Prerequisites: MLSC 3113 and MLSC 3223.
Description: Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Military Science

MLSC 4422 The Tactical Planning Process
Prerequisites: Must meet with department head and have their approval.
Description: The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Military Science

Minors

- Military Science (MLSC), Minor (p. 1683)

Faculty

Professor of Military Science and Head: LTC Kyle Ferguson
Assistant Professors: MSG Steven Adams; CPT Dustin Gabbert; SFC Adam Quintana; Capt. Palomares; Mr. Jonathan Taylor; Mr. Jospeh Alvey

Military Science (MLSC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

LTC Kyle Ferguson, 312 TH, 405-744-1775

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 15

Code	Title	Hours
Minor Requirements		
HIST 3333	History of the Second World War (HI)	3
or HIST 4353	American Military History (H)	
MLSC 3113	Leadership and Problem Solving	3
MLSC 3223	Leadership and Ethics	3
MLSC 4123	Leadership and Management	3
MLSC 4223	Officership	3
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Minors

- Asian Studies (ASTD), Minor (p. 1685)
- Central Asian Studies (CAST), Minor (p. 1686)
- Classical Studies (CLST), Minor (p. 1687)
- European Studies (EUST), Minor (p. 1688)
- Hispanic and Latin American Studies (HLAS), Minor (p. 1690)
- Middle East Studies (MES), Minor (p. 1691)
- Russian and East European Studies (REES), Minor (p. 1692)

Asian Studies (ASTD), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 21

Code	Title	Hours
Minor Requirements		
Select minimum of one 2000-level JAPN or CHIN course (or equivalent proficiency)		3
Select 18 hours from at least three disciplinary areas:		18
ANTH 3353	Cultural Anthropology (IS) [1]	
ANTH 4990	Special Topics in Anthropology [1]	
ART 3693	Survey of Asian Art (H)	
ART 4663	History of Chinese Art (H)	
ART 4673	History of Japanese Art	
ART 4703	Art East and West: Biases and Borrowings	
ART 4800	Special Studies in Art [1]	
ECON 3613	International Economic Relations (IS) [1]	
ECON 4643	International Economic Development (IS) [1]	
GEOG 3133	Political Geography (IS) [1]	
GEOG 3753	Asia (IS)	
GEOG 3783	The Middle East (IS)	
HIST 1713	Survey of Eastern Civilization (H)	
HIST 3053	Introduction to Central Asia Studies (IS)	
HIST 3403	East Asia to 1800 (H)	
HIST 3413	East Asia Since 1800 (HI)	
HIST 3423	Modern Japan (HI)	
HIST 3433	Modern China (HI)	
HIST 3980	Studies in History [1]	
HIST 4980	Topics in History [1]	
LL 3500	Specialized Study in a Modern Language [1]	
MKTG 4553	International Marketing [1]	
PHIL 3943	Asian Philosophy (HI)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3223	Asian Politics	
POLS 4053	War And World Politics (I) [1]	
SOC 3713	Religion, Culture and Society [1]	
SOC 4533	World Population Problems [1]	
Total Hours		**21**

[1] All courses marked with a [1] are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Central Asian Studies (CAST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 21

Code	Title	Hours
Minor Requirements		
Select a minimum of one 2000-level RUSS course (or equivalent proficiency in Kazak, Kyrzhyz, Tadjik, Turkmen, or Uzbek)		3
Select 3 hours from the following:		3
GEOG 3053	Introduction to Central Asia Studies	
HIST 3053	Introduction to Central Asia Studies (IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
RUSS 3053	Introduction to Central Asian Studies	
Select 15 hours from at least three disciplinary areas:		15
GEOG 3733	Russia and Its Neighbors (IS)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3503	Medieval Islamic History (H)	
POLS 3003	The Soviet Union: History, Society and Culture(IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
RUSS 3003	The Soviet Union: History, Society and Culture	
Total Hours		**21**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Classical Studies (CLST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 21

Code	Title	Hours
Minor Requirements		
Select 12 hours of either Greek or Latin		12
Select 9 hours of the following:		9
ART 3603	History of Classical Art (H)	
HIST 3023	Ancient Greece (H)	
LL 2103	Masterworks of Western Culture: Ancient and Medieval	
PHIL 3113	Ancient Greek Philosophy (H)	
Total Hours		**21**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

European Studies (EUST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Total Hours: 21

Code	Title	Hours
Minor Requirements		
Minimum of one 2000-level language course from FREN, GRMN, RUSS or SPAN		3
Select 18 hours from at least three disciplinary areas, with no more than 3 lower-division hours:		18
ARCH 3083	History and Theory of Renaissance and Baroque Architecture (H)	
ARCH 4073	History and Theory of Early Modern Architecture	
ART 1503	Art History Survey I (H)	
ART 1513	Art History Survey II (H)	
ART 3603	History of Classical Art (H)	
ART 3623	History of Italian Renaissance Art (H)	
ART 3633	History of Baroque Art (H)	
ART 3653	History of 19th Century Art (H)	
ART 3673	History of Northern Renaissance Art	
ART 3683	History of 20th Century Art (HI)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 3753	The Arts of Spain and the Spanish World (H)	
ART 4583	Rome: The Eternal City in Art and Film (H)	
ART 4593	Art of Conversion: 16th Century Art in Mexico (H)	
ART 4613	Art Since 1960	
ART 4783	Rembrandt Van Rijn	
ENGL 3123	Mythology (H)	
ENGL 3163	Literatures of the Ancient World (H)	
ENGL 3463	History of International Film (HI)	
ENGL 4100	Studies in Medieval British Literature	
ENGL 4110	Studies in 16th Century British Literature	
ENGL 4120	Studies in 17th Century British Literature	
ENGL 4130	Studies in 18th Century British Literature	
ENGL 4160	Studies in 19th Century British Literature	
ENGL 4200	Studies in Early American Literature	
ENGL 4300	Studies in Romanticism	
ENGL 4350	Contemporary International Cinema	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	Survey of French Literature I	
FREN 4173	Survey of French Literature II	
FREN 4333	Background of Modern French Civilization	
GEOG 3723	Europe (IS)	
GRMN 4153	Survey of German Literature I	
GRMN 4163	Survey of German Literature II	
GRMN 4333	Backgrounds of Modern German Civilization	
GRMN 4343	Modern Germany	
GRMN 4543	Contemporary German Literature and Culture	
HIST 3023	Ancient Greece (H)	
HIST 3113	Germany Since 1815 (HI)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (HI)	
HIST 3203	The Medieval World, 500-1500 (H)	
HIST 3243	Renaissance, 1350-1517 (H)	
HIST 3253	Absolutism and Enlightenment, 1648-1789	
HIST 3263	Modern Europe, 1815-1914 (H)	
HIST 3273	Modern Europe Since 1914 (HI)	
HIST 3323	Modern France, 1789-Present (HI)	
HIST 3343	World War I in Modern European Culture (HI)	
HIST 3353	Mediterranean World	
HIST 3373	Invasion and Identity: The Medieval English World: 700-1400 (H)	
HIST 3383	Tudor-Stuart England (H)	
HIST 3393	Modern England: 1714-Present (H)	
HIST 3483	Reformation Europe, 1517-1648 (H)	
HIST 3493	Scandinavia Since 1500 (HI)	
HIST 3913	History of Medicine (H)	
HIST 3953	Earthly Powers: Politics and Religion in Modern Europe	
HIST 3963	Modern Empires and Revolutions (H)	
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)	
HIST 4413	Sex and Gender in the Medieval World (H)	
MUSI 2573	Introduction to Music (H)	
MUSI 3753	History of Music to 1600 (H)	
MUSI 3763	History of Music from 1600-1800	
MUSI 3873	History of Music from 1800-Present	
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	Philosophy in the Age of Enlightenment (H)	
PHIL 3313	19th to 21st Century Philosophy (H)	
PHIL 3523	Medieval Philosophy (H)	
PHIL 3743	Science and Human Values (H)	
PHIL 3913	Existentialism (H)	
PHIL 4113	Philosophy & the Arts (H)	
POLS 2113	Introduction to Comparative Politics (IS)	
POLS 3143	European Politics (I)	
POLS 3663	Introduction to Political Thought	
RUSS 3113	Russian Conversation	
RUSS 3223	Russian Composition	
SOC 3113	Theoretical Thinking in Sociology	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4383	Social Stratification (S)	

SOC 4643	Sociology of Gender (S)
SPAN 4123	Hispanic Poetry
SPAN 4133	Hispanic Prose
SPAN 4163	Don Quijote
SPAN 4173	Hispanic Drama
SPAN 4223	Contemporary Hispanic Literature
SPAN 4253	Masterpieces of Hispanic Literature I
SPAN 4263	Masterpieces of Hispanic Literature II
SPAN 4323	Culture and Civilization of Spain
TH 3923	World Theatre History Before 1800 (H)
TH 3933	World Theatre History After 1800 (H)
Total Hours	**21**

[1] All courses marked with a [1] are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

Other Requirements

- No grade below "C."
- 2.5 GPA in minor.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Hispanic and Latin American Studies (HLAS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 21

Code	Title	Hours
Minor Requirements		
Select a minimum of one 2000-level SPAN course (or equivalent proficiency in Portuguese)		3
Select 18 hours from at least three disciplinary areas:		18
ANTH 3443	Peoples of Mesoamerica (IS)	
ANTH 4223	The Aztec Empire (H)	
ARCH 3083	History and Theory of Renaissance and Baroque Architecture (H)	
ART 3633	History of Baroque Art (H)	
GEOG 3743	Latin America (IS)	
LL 3103	Hispanic Literature in Translation (H)	
HIST 3243	Renaissance, 1350-1517 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3463	Modern Latin America (HI)	
POLS 3193	Latin American Politics (IS)	
POLS 4053	War And World Politics (I)	
SPAN 3163	Literature of Medieval and Early Modern Spain	
SPAN 3173	Literature of Spain from 1700 to the Present	
SPAN 3183	Early Latin American Literature	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Culture and Civilization of Spain	
SPAN 4333	Culture and Civilization of Latin America	
SPAN 4550	Seminar in Spanish [1]	
SPAN 5110	Advanced Hispanic Studies [1]	
Total Hours		**21**

[1] All courses marked with a [1] are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator is required.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Middle East Studies (MES), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 22

Code	Title	Hours
Minor Requirements		
Select 10 hours of college-level language instruction in Arabic, Farsi, modern Hebrew or Turkish		10
Select 12 hours in at least two separate disciplines of the following:		12
AMST 3813	Readings in the American Experience (DH)	
or ENGL 3813	Readings in the American Experience (DH)	
AMST 3950	Special Topics in American Studies (DH) (Global Islam)	
ARCH 4273	History and Theory of Islamic Architecture	
GEOG 3783	The Middle East (IS)	
HIST 3543	Israel & Palestine in Modern Times (HI)	
REL 4113	The World of Islam: Cultural Perspectives (HI)	
REL 4213	Understanding Global Islam (HI)	
SOC 4653	Gender and the Middle East (IS)	
Total Hours		**22**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Russian and East European Studies (REES), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Anthony Valentine, 213 LSE, 405-744-5658

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 23

Code	Title	Hours
Minor Requirements		
Select a minimum of one 2000-level RUSS course (or equivalent proficiency)		
Select 15 hours from a least three disiplinary areas of the following:		15
GEOG 3723	Europe (GS)	
GEOG 3733	Russia and Its Neighbors (GS)	
HIST 3153	Russia to 1861 (H)	
HIST 3163	Russia Since 1861 (GH)	
HIST 4563	Cold War (GH)	
POLS 3123	Russian & Eurasian Politics (G)	
POLS 4053	War And World Politics (G)	
RUSS 3123	Understanding Russia (H)	
RUSS 4113	Russian Literature in Translation I (H)	
RUSS 4123	Russian Literature in Translation II	

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Multidisciplinary Studies

Multidisciplinary Studies degrees meet the needs of students who desire greater breadth in the major than typical degrees allow. By combining coursework across several disciplines, students tailor their curriculum to unique academic and career goals. Some areas of concentration are available through online coursework - see http://cas.okstate.edu for more details. To ensure coherence among courses selected across disciplines, a three-semester-hour senior project is required as a part of the major.

Undergraduate Programs

- Interdisciplinary Studies, BA (p. 1694)
- Interdisciplinary Studies, BS (p. 1697)
- Interdisciplinary Studies: Business Essentials, BA (p. 1700)
- Interdisciplinary Studies: Business Essentials, BS (p. 1703)
- Interdisciplinary Studies: Pre-Law, BA (p. 1706)
- Interdisciplinary Studies: Pre-Law, BS (p. 1709)

Faculty

Andrew Doust, PhD—Director

Interdisciplinary Studies, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00.		
18 credit hours of coursework from one of the following disciplines: CAS prefixes, excluding media. No more than 6 hours may be lower-division. Minimum GPA 2.00 for all courses in this primary discipline.		18
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 credit hours of upper-division coursework from a second discipline or area of concentration		12
12 credit hours of upper-division coursework		12
Hours Subtotal		**42**
Electives		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO,

PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**

a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q)	3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
College and Elective courses		12
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
A&S 4013	Multidisciplinary Studies Capstone	3

Major, College, and Elective courses	12
Hours	**15**
Total Hours	**120**

Interdisciplinary Studies, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements [1]		
Minimum GPA 2.00.		
18 credit hours of coursework from one of the following disciplines: CAS prefixes, excluding media. No more than 6 hours may be lower-division. Minimum GPA 2.00 for all courses in this primary discipline.		18
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 credit hours of upper-division coursework from a second discipline or area [1]		12
12 credit hours of upper-division coursework		12
Hours Subtotal		**42**
Electives		
Select 25 hours [1]		25
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
Hours Subtotal		**25**
Total Hours		**120**

[1] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for 9 of these 12 hours and 21 hours of electives.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.

c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q)	3
General Education courses		7
	Hours	**16**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
General Education courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
See program advisor.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
	Hours	**15**

Spring		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Interdisciplinary Studies: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
(See note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00.		
18 credit hours of coursework from one of the following disciplines: CAS prefixes, excluding media. No more than 6 hours may be lower-division. Minimum GPA 2.00 for all courses in this primary discipline.		18
AMIS, AMST, ANTH/SOC, ART, BIOL, BOT/PBIO, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PHIL, PHYS, POLS, PSYC, REL, SPCH, STAT, TH		
12 credit hours of upper-division coursework from a second discipline or area		12
12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Hours Subtotal		**42**
Electives		**16**
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q)	3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
1713 First Semester Foreign Language		3
College and Elective courses		12
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**

Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Interdisciplinary Studies: Business Essentials, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher - except MATH 1493)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
(See note 2.b.)		9
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00.		
18 credit hours of coursework from one of the following disciplines: CAS prefixes, excluding media. No more than 6 hours may be lower-division. Minimum GPA 2.00 for all courses in this primary discipline.		18
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 credit hours of upper-division coursework from a second discipline or area		12
12 hours business essentials:		
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Hours Subtotal		**42**
Electives		
Select 25 hours of electives.		25
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
Hours Subtotal		**25**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q)	3
General Education courses		7
	Hours	**16**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
General Education courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
See program advisor.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**

Senior

Fall

File capstone paperwork no later than pre-finals week.

Major, College, and Elective courses		15
	Hours	**15**

Spring

A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Interdisciplinary Studies: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N) with one (L)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00.		
18 credit hours of coursework from one of the following disciplines: CAS prefixes, excluding media. No more than 6 hours may be lower-division. Minimum GPA 2.00 for all courses in this primary discipline.		18
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 credit hours of upper-division coursework from a second-discipline or area		12
12 credit hours of upper-division coursework		12
At least 12 hours from the following must be included in the degree:		
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**42**
Electives		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q)	3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**

Sophomore		
Fall		
1713 First Semester Foreign Language		3
PHIL 1313	Logic and Critical Thinking (Q)	3
College and Elective courses		9
	Hours	**15**
Spring		
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Junior		
Fall		
See program advisor.		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Interdisciplinary Studies: Pre-Law, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00. No more than 9 hours may be lower-division.		
A&S 4013	Multidisciplinary Studies Capstone (or 3-hour capstone or internship in the primary discipline approved by advisor)	3
or A&S 3710	A&S Internship	
15 hours from one of the following disciplines. Minimum GPA 2.00 for all courses in this primary discipline.		15
AMIS, AMST, ANTH, ART, BIOL, CS, CHEM, ECON, ENGL, FLL (including ASL, FREN, GREK, GRMN, LATN, RUSS, SPAN), GEOG, GEOL, GWST, HIST, MATH, MICR, MUSI, PBIO, PHIL, PHYS, POLS, PSYC, REL, SOC, SPCH, STAT, TH		
12 hours from a second discipline or area of concentration (approved by advisor) [1]		12
10 additional hours		10
At least 12 hours from the following must be included in the degree:		
AMIS 4013	American Indian Sovereignty (D)	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**40**
Electives [1]		
Select 27 hours		27
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department (see note 2.c.). May need to include 9 additional upper-division hours.		
Hours Subtotal		**27**
Total Hours		**120**

[1] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for 9 of these 12 hours and 21 hours of electives.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 48 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
HIST 1493 or HIST 1483 or HIST 1103	American History Since 1865 (DH) or American History to 1865 (H) or Survey of American History	3
MATH 1483 or MATH 1493 or MATH 1513	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q)	3
General Education courses		7
	Hours	**16**

Spring		
ENGL 1213	Composition II	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
General Education courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Junior		
Fall		
See program advisor.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
File capstone paperwork no later than pre-finals week.		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
A&S 4013	Multidisciplinary Studies Capstone	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Music

The Michael and Anne Greenwood School of Music at OSU serves students who plan careers in the field of music as well as those who desire to participate in any element of a comprehensive music program. Professional instruction prepares students for careers in performance, teaching, and the music industry. The OSU undergraduate degrees are also excellent preparation for graduate school and for careers in arts management, recording technology, music composition and arranging, church music, and music academia, among other paths.

Students planning to major in music at the university level should have a strong interest in music and/or a talent for performance in vocal or instrumental music. Individual lessons, fundamental theory knowledge, and basic piano ability also supports success at the university level.

The music major may choose from the following degrees:

1. Bachelor of Music (BM) in performance or jazz performance,
2. BM in instrumental or vocal music education,
3. Bachelor of Arts (BA) in music or music with a composition option, and
4. Bachelor of Science (BS) in music industry.

The student majoring in a discipline other than music may participate with music majors in all ensembles (choirs, opera, orchestra, concert bands, marching band, basketball band, jazz bands, popular and new music ensembles, and chamber ensembles) and courses, as well as individual lessons for academic credit. Students may also pursue a minor in music. The Greenwood School of Music offers minors in music, applied music, jazz, and composition/theory.

An active scholarship program provides assistance to music majors and non-music majors. Students are invited to write, call 405.744.8997, or visit our website (music.okstate.edu (http://music.okstate.edu)) for audition information.

Faculty members, students, and ensembles present over 150 concerts and recitals annually. The school also supports a robust program of extension and outreach opportunities.

The Michael and Anne Greenwood School of Music is accredited by the National Association of Schools of Music and is an All-Steinway School.

Admission Requirements

Students wishing to major or minor in music should contact the Michael and Anne Greenwood School of Music to arrange for an entrance audition and interview.

Students are expected to maintain an overall GPA of at least 2.0 while enrolled as music majors at OSU. Any student whose GPA falls below 2.0 will be placed on departmental probation. To be removed from departmental probation, students must increase the overall GPA to at least 2.0. Any student who fails to meet the minimum GPA requirement in two consecutive semesters will be suspended from the OSU music program. For the purpose of determining probationary status, the number of ensemble credits that apply toward the GPA cannot exceed the total number of ensemble credits required for completion of the degree. Though a student must maintain an overall GPA of at least 2.0 in order to avoid departmental probation from semester to semester, all music students must have a minimum GPA of at least 2.5 in the required major courses in order to graduate. In addition to maintaining a 2.0 overall GPA, students must earn grades no lower than a C in any music class. Students who fail to pass a required music course with a grade of at least a C after two attempts will be suspended from the music major.

Applied Juries

Students are expected to pass a performance jury at the conclusion of each semester of applied study.

Any students who fail to pass this jury will be placed on departmental probation. Students must also pass an upper-division barrier jury prior to enrolling in upper-division applied lessons if required by the degree program. Any students who do not pass this jury will be placed on departmental probation. Those students must retake this performance barrier jury at the conclusion of the following semester. Any students who fail a performance barrier jury for two consecutive semesters will be suspended from the music program.

Any student suspended from the music program may re-audition for acceptance into the program but must wait at least one year before continuing as a music major. Students who are initially suspended from the music program but are later accepted after the re-audition process will remain on probationary status for one semester. Any re-admitted student who does not meet all of the necessary minimum requirements at the conclusion of their first semester of re-admittance will be suspended from the program.

Further details of the departmental academic progress policy are published in the Undergraduate Music Student Handbook at music.okstate.edu (http://music.okstate.edu).

Courses

MUSI 0500 Student Recital Attendance
Description: Graduation requirement for music degree or certificate candidates. Graded on a pass/fail basis.
Credit hours: 0
Contact hours: Lecture: 0 Contact: 0
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1001 Percussion Techniques
Description: Methods for playing and teaching percussion instruments.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 1002 Fundamentals of Music
Description: The study of the foundations of tonal harmony.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1011 Class Piano I
Prerequisites: Music major status or consent of instructor AND (MUSI 1532 with a minimum grade of "C" OR concurrent enrollment in MUSI 1532).
Description: Class Piano I is a course designed for vocal and instrumental (non-keyboard) majors to develop functional piano skills. Basic fluency in musical notation is assumed.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1021 Class Piano II
Prerequisites: MUSI 1011 with minimum grade of “C” and music major status or consent of instructor.
Description: Class Piano II continues the development of keyboard skills established in MUSI 1011.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1031 Voice Class Lessons
Description: To gain knowledge within a group class setting of the vocal instrument as it applies to each individual, and to learn to apply these techniques to solo voice performance. To give each student a strong foundation in healthy classical vocal technique to allow them to sing throughout their lifetime.
Credit hours: 1
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 1071 Single Reed Techniques
Description: Methods for playing and teaching the clarinet and saxophone.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 1081 Double Reed Techniques
Description: Methods for playing and teaching the oboe and bassoon.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1091 High Brass Techniques
Prerequisites: MUSI 1532 with a minimum grade of "C" or consent of instructor.
Description: Methods for playing and teaching the trumpet and French horn.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1110 Elective Organ
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1120 Elective Piano
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1130 Elective Voice
Prerequisites: Concurrent enrollment in a choral ensemble (MUSI 2630, MUSI 3630 and/or MUSI 4600) or permission of instructor.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1140 Elective Brass
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1150 Elective Class Guitar
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1160 Elective Woodwinds
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1170 Elective Percussion
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1180 Secondary Organ
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1190 Secondary Piano
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1200 Secondary Voice
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1210 Secondary Brass
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1220 Secondary String
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1230 Secondary Woodwind
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1240 Secondary Percussion
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1250 Major Organ
Description: Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1260 Major Piano
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1270 Major Voice
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1280 Major Violin
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1290 Major Viola
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1300 Major Cello
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1310 Major Double Bass
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1340 Major Flute
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1350 Major Oboe
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1360 Major Clarinet
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1370 Major Saxophone
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1380 Major Bassoon
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1390 Major Trumpet
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1400 Major French Horn
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1410 Major Trombone
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1420 Major Euphonium
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1430 Major Tuba
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1440 Major Percussion
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 1501 Sightreading and Technique for Piano Majors
Prerequisites: Music major status or consent of instructor.
Description: Sightreading and Technique for Piano Majors is a course designed for pianists to develop keyboard fluency through essential keyboard skills required for pianists, including sightreading, technique, harmonization and transposition.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Music

MUSI 1531 Sight Singing and Aural Skills
Prerequisites: Must have passed or be concurrently enrolled in MUSI 1532 Theory of Music I.
Description: Development of skills in sight singing and aural perception. Taken concurrently with MUSI 1532.
Credit hours: 1
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1532 Theory of Music I
Prerequisites: MUSI 1002 Fundamentals of Music or receiving a passing score of 30 points or higher on the music theory diagnostic exam.
Description: The study of tonal harmony through analysis and composition. Taken concurrently with MUSI 1531. Previously offered as MUSI 1533.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1541 Sight Singing and Aural Skills II
Prerequisites: MUSI 1531 and (MUSI 1532 or MUSI 1533) with minimum grade of "C."
Description: A continuation of MUSI 1531. Taken concurrently with MUSI 1542 or MSIN 2022.
Credit hours: 1
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 1542 Theory of Music II
Prerequisites: MUSI 1532 with minimum grade of "C."
Description: A continuation of MUSI 1532. Taken concurrently with MUSI 1541. Previously offered as MUSI 1543.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 1623 Introduction to Music Business
Prerequisites: Music major status or consent of instructor.
Description: A survey of music business procedures, opportunities, technologies and trends.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 1631 Introduction to Diction for Singers
Description: Designed for Music Education majors. Introduces and develops skills in pronunciation and diction for singing in English, Italian, French and German.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 2010 Piano Class Lessons
Prerequisites: MUSI 1021 with minimum grade of "C" and music major status.
Description: Class lessons for music majors (non-keyboard concentration) preparing for the piano proficiency examination. Previously offered as MUSI 2011. Offered for 1-fixed credit hour, maximum of 3 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2013 Popular Music Theory
Prerequisites: MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".
Description: This course is a continuation of MUSI 1542. The course will focus on jazz and popular music theory, including elementary principles of popular chord voicings and arrangements, chord scale relationships, blues, AABA and other song forms. Analysis of jazz solo transcription as well as basic keyboard skills will be emphasized in addition to required listening to exceptional examples of standard popular music recordings.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 2051 High String Techniques
Description: Methods for playing and teaching the violin and viola. Previously offered as MUSI 2052.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Music

MUSI 2061 Low String Techniques
Description: Methods for playing and teaching the cello and double bass. Previously offered as MUSI 2052.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Music

MUSI 2071 Flute Techniques
Description: Methods for playing and teaching the flute.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2080 Music Composition
Prerequisites: Consent of instructor.
Description: Practical experience in musical composition. Offered for 1-2 credit hours, maximum of 8.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2091 Low Brass Techniques
Description: Methods for playing and teaching the trombone, euphonium, and tuba.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 2250 Major Organ
Prerequisites: MUSI 1250.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2260 Major Piano
Prerequisites: MUSI 1260.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2270 Major Voice
Prerequisites: MUSI 1270.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2280 Major Violin
Prerequisites: MUSI 1280.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2290 Major Viola
Prerequisites: MUSI 1290.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2300 Major Cello
Prerequisites: MUSI 1300.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2310 Major Double Bass
Prerequisites: MUSI 1310.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2340 Major Flute
Prerequisites: MUSI 1340.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2350 Major Oboe
Prerequisites: MUSI 1350.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2360 Major Clarinet
Prerequisites: MUSI 1360.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2370 Major Saxophone
Prerequisites: MUSI 1370.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2380 Major Bassoon
Prerequisites: MUSI 1380.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2390 Major Trumpet
Prerequisites: MUSI 1390.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2400 Major French Horn
Prerequisites: MUSI 1400.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2410 Major Trombone
Prerequisites: MUSI 1410.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2420 Major Euphonium
Prerequisites: MUSI 1420.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2430 Major Tuba
Prerequisites: MUSI 1430.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2440 Major Percussion
Prerequisites: MUSI 1440.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2450 Major Harpsichord
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 2480 Elective Applied Lessons
Prerequisites: Permission of instructor.
Description: Applied lessons for non-music majors or for majors studying secondary instruments.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2490 Major Applied Lessons
Prerequisites: Music major status.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2551 Sight Singing and Aural Skills III
Prerequisites: MUSI 1541 and MUSI 1542 with minimum grade of "C."
Description: Further development of skills in sight singing and aural perception. Taken concurrently with MUSI 2552.
Credit hours: 1
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2552 Theory of Music III
Prerequisites: MUSI 1542 with minimum grade of "C."
Description: A continuation of MUSI 1542. Taken concurrently with MUSI 2551. Previously offered as MUSI 2553.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2561 Sight Singing and Aural Skills IV
Prerequisites: MUSI 2551 and MUSI 2552 with minimum grade of "C."
Description: A continuation of MUSI 2551. Taken concurrently with MUSI 2562.
Credit hours: 1
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 2562 Theory of Music IV
Prerequisites: MUSI 2552 with minimum grade of "C."
Description: A continuation of MUSI 2552. Taken concurrently with MUSI 2561. Previously offered as MUSI 2563.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2573 Introduction to Music (H)
Description: Introduction to the great music of the past and present with the objective of bridging the gap between the audience and concert stage via active listening. No prior musical experience required. Previously offered as MUSI 2572.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 2583 Hip-Hop Music
Description: This course examines hip-hop as a musical genre and culture, exploring MCing/rapping, DJing/scratching, sampling, beat boxing, and break dancing, within its musical and social context.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 2603 Film Music
Description: This course examines film music from the silent film era to present day. Students analyze film scores to observe the associations between music and film.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2610 University Bands I
Description: Beginning study of a wide variety of music in all areas of band literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2620 Symphony Orchestra I
Description: Beginning study of a wide variety of music in all areas of orchestral literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2630 University Choral Ensembles I
Description: Beginning study of a wide variety of music in all areas of choral literature. Offered for 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2722 Introduction to Music Education
Description: An entry level course designed to socialize the music education major to the role of the music education teacher within U.S. schools. Topics include motivation and management, learning theories, micro teaching, music advocacy, portfolio introduction, and early field experience. Previously offered as MUSI 1723.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 2763 History of Rock and Roll (H)
Description: Study of the origins and innovators of rock and roll music. Course will examine the musical, historical and sociological significance of a variety of genres. Previously offered as MUSI 3733. May not be used for degree credit with MUSI 3883.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 2783 American Popular Music (H)
Description: A survey of American popular music from the nineteenth century to the present day. Beginning with Tin Pan Alley and Broadway, the course traces many major developments in American popular music, such as rock and roll, country music, soul, funk, disco, punk rock, and hip-hop.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 2990 Selected Studies in Music and Music Education
Description: Short-term area studies in music and music education. Offered for variable credit, 1-3 credit hours, maximum of 8 credit hours. Offered for variable credit, 1-3 credit hours, maximum of 8 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3012 Advanced Music Production
Prerequisites: MUSIC 3672 with a minimum grade of "C".
Description: Students explore techniques and practices related to making sound recordings. The objective of the course is to create studio quality recordings using Pro Tools.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3013 Country Music
Description: This course examines country music forerunners to present day commercial country music. Students explore social, political, and musical issues related to the American genre.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3022 Piano Skills for Vocal Music Education Majors
Prerequisites: MUSI 2010 with a minimum grade of "C" or consent of instructor.
Description: Development of skills in sight-reading, score reading, and general ensemble accompaniment for vocal music education majors.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3110 Elective Organ
Prerequisites: MUSI 1110.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3120 Elective Piano
Prerequisites: MUSI 1120.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3130 Elective Voice
Prerequisites: Concurrent enrollment in a choral ensemble (MUSI 2630, MUSI 3630 and/or MUSI 4600) or permission of instructor.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3140 Elective Brass
Prerequisites: MUSI 1140.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3150 Elective String
Prerequisites: MUSI 1150.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3160 Elective Woodwind
Prerequisites: MUSI 1160.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3170 Elective Percussion
Prerequisites: MUSI 1170.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3180 Secondary Organ
Prerequisites: MUSI 1180.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3190 Secondary Piano
Prerequisites: MUSI 1190.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3200 Secondary Voice
Prerequisites: MUSI 1200.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3210 Secondary Brass
Prerequisites: MUSI 1210.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3220 Secondary String
Prerequisites: MUSI 1220.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3230 Secondary Woodwind
Prerequisites: MUSI 1230.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3240 Secondary Percussion
Prerequisites: MUSI 1240.
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3250 Major Organ
Prerequisites: MUSI 1250.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3260 Major Piano
Prerequisites: Upper-division examination, MUSI 2260.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3270 Major Voice
Prerequisites: Upper-division examination, MUSI 2270.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3280 Major Violin
Prerequisites: Upper-division examination, MUSI 2280.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3290 Major Viola
Prerequisites: Upper-division examination, MUSI 2290.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3300 Major Cello
Prerequisites: Upper-division examination, MUSI 2300.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3310 Major Double Bass
Prerequisites: Upper-division examination, MUSI 2310.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3340 Major Flute
Prerequisites: Upper-division examination, MUSI 2340.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3350 Major Oboe
Prerequisites: Upper-division examination, MUSI 2350.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3360 Major Clarinet
Prerequisites: Upper-division examination, MUSI 2360.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3370 Major Saxophone
Prerequisites: Upper-division examination, MUSI 2370.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3380 Major Bassoon
Prerequisites: Upper-division examination, MUSI 2380.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3390 Major Trumpet
Prerequisites: Upper-division examination, MUSI 2390.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3400 Major French Horn
Prerequisites: Upper-division examination, MUSI 2400.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3410 Major Trombone
Prerequisites: Upper-division examination, MUSI 2410.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3420 Major Euphonium
Prerequisites: Upper-division examination, MUSI 2420.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3430 Major Tuba
Prerequisites: Upper-division examination, MUSI 2430.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3440 Major Percussion
Prerequisites: Upper-division examination, MUSI 2440.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3460 Secondary Harpsichord
Description: Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 3543 Music and Culture of Northern Italy (H)
Description: Study of northern Italy's contributions to culture through music and composers, instrument makers, architecture, and visual arts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 3572 History of Opera in Society (H)
Description: This course examines the development of opera not only as a genre of western European art music, but also as a class-based form of theatrical entertainment that served as commentary on contemporary artistic, social, and political issues.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 3573 America's Ethnic Music (DH)
Description: A survey of the ethnic settlers of America and their musical traditions and literatures. Particular emphasis is given to settlers indigenous to Oklahoma. Students will examine their individual ethnic roots in music, family traditions, and life passages (births, deaths, celebrations).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

MUSI 3582 Survey of World Musics
Description: Survey of musical systems, performance practices, and philosophies from around the world, highlighting non-Western musics.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3583 Traditional World Music (H)
Description: Survey of the richly diverse musics of the world, emphasizing traditional musical practices. Exploration of the wide parameters of musical possibilities and the distinct priorities of various musical cultures, in order to gain insight and appreciation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 3592 Introduction to Music Technology
Prerequisites: MUSI 1532.
Description: Introduction to specialized computer applications in music, including music notation, digital audio recording, processing and editing.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3593 Video Game Music
Description: This course examines the role of music as well as sound design (effects and ambient sounds) in video games. The course traces the history of video game music, exploring the similarities and differences from film music. Students focus on the interactivity and nonlinearity of video game music.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3610 University Bands II
Prerequisites: 4 hours of MUSI 2610.
Description: Advanced study of a wide variety of music in all areas of band literature. Offered for fixed, 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3620 Symphony Orchestra II
Description: Advanced study of a wide variety of music in all areas of orchestral literature. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3630 University Choral Ensembles II
Description: Advanced study of a wide variety of music in all areas of choral literature. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3640 Vocal Rehearsal Practicum
Prerequisites: MUSI 3712 with a minimum grade of "C"; AND MUSI 3832 with a minimum grade of "C"; and (MUSI 3932 with a minimum grade of "C" OR concurrent enrollment in MUSI 3932); OR consent of instructor.
Description: Designed for Vocal Music Education majors who are within two semesters of student teaching. This course prepares future teachers with classroom skills using one of the choral ensemble or lab group as their rehearsal medium. Previously offered as MUSI 3942. Same course as MUSI 3942. Offered for variable credit, 1-2 credit hours, maximum of 3 credit hours.
Credit hours: 1-2
Contact hours: Lab: 2-4 Contact: 2-4
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3641 Instrumental Rehearsal Practicum
Description: Designed for Instrumental Music Education majors who are within two semesters of student teaching. This course prepares future teachers with classroom skills using an instrumental ensemble or lab group as their rehearsal medium. Previously offered as MUSI 3942 and MUSI 3640. Same course as MUSI 3640. Prerequislte(s): MUSI 3712 with a minimum grade of "C"; and MUSI 3832 with a minimum grade of "C"; AND concurrent enrollment in MUSI 3852 OR MUSI 3862; OR consent of instructor.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Music

MUSI 3642 English and Italian Diction and Vocal Literature
Description: Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing standard English and Italian through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard English and Italian vocal literature.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3652 French Diction and Vocal Literature
Description: Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing in French through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard French vocal literature.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3662 German Diction and Vocal Literature
Description: Course is designed for vocal performance majors, vocal music education majors and other serious voice students to assist them in mastering correct pronunciation and diction for singing in German through the study and use of the international phonetic alphabet, and to familiarize them with many of the composers and songs which comprise the standard German vocal literature.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3672 Music Technology II
Prerequisites: MUSI 3592 with a minimum grade of "C".
Description: This course is a continuation of MUSI 3592. Music technology is a significant force in many aspects of contemporary music. This is especially apparent in the "pop" world (examples including amplification effects, synthetic instruments, music videos, and performance augmentation), but technology is not limited to this genre alone. MUSI 3672 will focus on acoustics, recording techniques, sound design and sound effects.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3712 Basic Conducting
Description: Principles of conducting choral and instrumental groups.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3722 Advanced Ensemble Conducting
Prerequisites: MUSI 3712 with a minimum grade of "C".
Description: Studies in advanced physical conducting techniques and score orientation, score reading, score analysis, and score interpretation.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3732 Secondary Choral Methods
Prerequisites: MUSI 3712 with a minimum grade of "C".
Description: Repertoire, rehearsal procedures, and vocal techniques for the public school choral teacher.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3741 Survey of Rock and Roll I
Description: An examination of the cultural and musical elements that led to the advent of Rock and Roll, through an exploration of the evolution of the music from its inception to 1980 through lecture, reading and musical recordings.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3751 Survey of Rock and Roll II
Description: An examination of the cultural and musical elements that led to the advent of Rock and Roll, through an exploration of the music from 1980 to the present.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3753 History of Music to 1600 (H)
Prerequisites: MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".
Description: Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from antiquity through the Renaissance period.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
General Education and other Course Attributes: Human Heritage & Cultures

MUSI 3763 History of Music from 1600-1800
Prerequisites: MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".
Description: Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from the Baroque period through to the Classical period.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3772 Counterpoint
Prerequisites: (MUSI 2562 with a minimum grade of "C" or MUSI 2563 with a minimum grade of "C") and consent of instructor.
Description: Analysis and application of contrapuntal techniques of the 18th century. Students will be expected to have successfully passed the Upper-Division Theory Barrier Exam before enrolling in the course.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3783 Form And Analysis
Prerequisites: MUSI 2552 with minimum grade of "C" and successfully pass the Upper-Division Theory Barrier Exam.
Description: Analysis of standard repertoire with emphasis on form and structural harmonic analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3832 Elementary Music Methods
Prerequisites: MUSI 2722 with a minimum grade of "C".
Description: An overview of effective methods, techniques and materials for teaching music to children in the elementary grades. Theories of child development and implications on music learning; current philosophies or approaches for teaching music (Kodaly, Orff, and Dalcroze); designing and teaching musical activities through which children learn musical concepts and develop musical skills. Previously offered as MUSI 2832.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3842 Marching Bands Methods
Prerequisites: MUSI 2722 with a minimum grade of "C" and (MUSI 3832 with a minimum grade of "C" or concurrent enrollment) and (concurrent enrollment in MUSI 2610 or MUSI 3610 (marching band)).
Description: Organizational responsibilities and charting for public school marching bands. Must be taken concurrently with MUSI 2610 or MUSI 3610 (marching band).
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3852 Secondary Instrumental Methods
Prerequisites: MUSI 3712 with a minimum grade of "C" and MUSI 3832 with a minimum grade of "C".
Description: This course is designed to give instrumental music education majors an in-depth look at administering a public school band program, including history and wind literature, literature selection, preparing budgets, preparing commissioning projects, working with administration, school boards and parent groups, organizational responsibilities, and charting for public school marching bands.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3862 String Orchestra Methods
Prerequisites: MUSI 2722 with a minimum grade of "C".
Description: This course is designed to give string music education majors an in-depth look at administering a public school orchestra program, including history and string literature, literature selection, preparing budgets, working with administration, school boards and parent groups, organizational responsibilities, and concepts specifically related to string teaching and learning.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 3873 History of Music from 1800-Present
Description: Aids music majors and other qualified students in understanding the musical styles, forms, schools, composers and instruments that developed in Western civilization from the Romantic period through to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3883 History of Popular Music
Description: A survey of popular music, the course traces its developments and explores its derivatives until present day. In addition to music analysis, discussion on the subject explores the appeal of popular music, the means of dissemination, and society. May not be used for degree credit with MUSI 2763.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3901 Junior Recital
Prerequisites: Junior standing and consent of major applied music teacher.
Description: The objective of this course is to prepare and perform a junior recital that meets the necessary artistic and technical standards expected of a junior music major.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 3932 Intermediate Music Methods
Prerequisites: MUSI 3832 with a minimum grade of "C".
Description: Second in a series of three methods courses for vocal music education majors. Hands-on teaching experiences. Topics include curriculum design and evaluation; technology for music instruction; repertoire selection and effective rehearsal techniques. Previously offered as MUSI 2832.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4042 Collaborative Piano I
Prerequisites: Music major status or consent of instructor.
Description: This course introduces pianists to various collaborative works focusing on vocal repertoire from early Italian songs written in the late Renaissance era through the music of our times. This course will feature class performance and coaching sessions, and discussions of style and practical rehearsal techniques, with listening and reading assignments. Through the course, students will learn the art of collaborating with vocalists. No credit for students with credit in MUSI 5042.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4051 Introduction to Woodwind Repair and Maintenance
Description: Beginning woodwind repair and maintenance involves hands-on instruction on basic repair for woodwind instruments, including saxophone, clarinet, and flute. Woodwind repair experts will guest lecture in addition to the primary instructor.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4080 Music Composition
Prerequisites: Consent of instructor, MUSI 2080.
Description: Practical experience in musical composition. Offered for 2 credit hours, maximum of 12.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4100 Music Industry Internship
Prerequisites: 90 credit hours and minimum 2.50 GPA in all music and business courses.
Description: Directed practical experiences in an approved work situation related to the music industry. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.
Credit hours: 1-8
Contact hours: Contact: 1-8 Other: 1-8
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4142 Collaborative Piano II
Prerequisites: Music major status or consent of instructor.
Description: This course introduces pianists to duo/chamber repertoire written for piano with various instruments. This course will feature class performances, discussions of style and practical techniques in rehearsal, and recital performances as a collaborative pianist. The course will focus on repertoire from the Baroque era to the present, including works for solo instruments and piano, duo sonatas, character pieces, and chamber music for 3 or more instruments. May not be used for degree credit with MUSI 5142.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4250 Major Organ
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4260 Major Piano
Prerequisites: MUSI 3260 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4270 Major Voice
Prerequisites: MUSI 3270 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4280 Major Violin
Prerequisites: MUSI 3280 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4290 Major Viola
Prerequisites: MUSI 3290 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4300 Major Cello
Prerequisites: MUSI 3300 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4310 Major Double Bass
Prerequisites: MUSI 3310 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4340 Major Flute
Prerequisites: MUSI 3340 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4350 Major Oboe
Prerequisites: MUSI 3350 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4360 Major Clarinet
Prerequisites: MUSI 3360 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4370 Major Saxophone
Prerequisites: MUSI 3370 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4380 Major Bassoon
Prerequisites: MUSI 3380 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4390 Major Trumpet
Prerequisites: MUSI 3390 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4400 Major French Horn
Prerequisites: MUSI 3400 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4410 Major Trombone
Prerequisites: MUSI 3410 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4420 Major Euphonium
Prerequisites: MUSI 3420 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4430 Major Tuba
Prerequisites: MUSI 3430 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4440 Major Percussion
Prerequisites: 3440 and successful completion of recital attendance requirements.
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4450 Major Harpsichord
Description: Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music

MUSI 4480 Elective Applied Lessons
Prerequisites: Permission of instructor.
Description: Applied lessons for non-music majors or for majors studying secondary instruments.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4490 Major Applied Lessons
Prerequisites: Pass Upper Division Exam and MUSI 2490.
Description: Offered for variable credit, 1-4 credit hours, maximum of 24 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Graduate, Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4600 Chamber Ensembles
Description: Combinations of voice, keyboard, and orchestral instruments for performing chamber music, music theater and duo piano repertoire. Same course as MUSI 5600. Offered for fixed credit, 1 fixed credit hour, maximum of 36 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4700 Piano Accompanying
Prerequisites: Music major status or consent of instructor.
Description: The course is designed for piano students to develop techniques needed to study, analyze, and perform as accompanists. The piano majors will have one-hour weekly coaching sessions and learn various duo repertoire in collaborations with a vocalist and an instrumentalist assigned by the instructor of the course throughout the semester. Same course as MUSI 5700.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4742 Student Teaching Seminar in Music Education
Prerequisites: MUSI 3832 with a minimum grade of "C".
Description: This course is designed to foster the growth of skills necessary for successful music teaching in the public schools. Taught in conjunction with MUSI 4940, student teaching in the public schools. In-class seminars and on-line discussions will focus on current trends, issues, and challenges facing music educators today. Previously offered as MUSI 3743.
Credit hours: 2
Contact hours: Lecture: 1 Contact: 2 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4810 Problems in Musical Composition
Prerequisites: MUSI 1542 with a minimum grade of "C" or MUSI 1543 with a minimum grade of "C".
Description: Practical experience in musical composition. May not be used for degree credit with MUSI 5810. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4812 Performance and Analysis
Prerequisites: Junior standing as a music major or consent of instructor.
Description: An overview of the relationship between performance and analysis within the field of music theory. No degree credit for students with credit in MUSI 5812.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4840 Special Studies in Music Literature
Prerequisites: Junior standing or consent of instructor.
Description: Survey of music literature suitable for teaching various levels in applied music. Offered for fixed credit, 2 fixed credit hours, maximum of 4 credit hours.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4842 Choral Literature for the Classroom
Prerequisites: MUSI 3732 with a minimum grade of "C".
Description: Exploration of the vast amount of choral literature available to the choral conductor. Includes repertoire for all ages and all voices.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4890 Special Studies in Music Pedagogy
Prerequisites: Junior standing or consent of instructor.
Description: Survey of music pedagogical methods suitable for various levels and types of applied music. May not be used for degree credit with MUSI 5890. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4901 Senior Recital
Prerequisites: Senior standing and permission of major applied music teacher.
Description: The objective of this course is to prepare and perform a senior recital that meets the necessary artistic and technical standards expected of a senior music major.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4912 Orchestration and Arranging
Prerequisites: Upper-division standing as a music major or consent of instructor.
Description: Orchestrating for instrumental ensembles and arranging for choral ensembles.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4940 Student Teaching in Public School Music
Prerequisites: Full admission to Professional Education.
Description: Directed observation, seminars, and supervised student teaching in selected elementary and secondary music programs. Graded on a pass-fail basis. Offered for variable credit, 6-10 credit hours, maximum of 10 credit hours.
Credit hours: 6-10
Contact hours: Contact: 6-10 Other: 6-10
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4952 Music in the School Curriculum
Description: Aims, content and motivation of the music education program in elementary and secondary schools from the standpoint of the classroom teacher, music specialist and administrator. May not be used for degree credit with MUSI 5952.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4962 Music Education Seminar
Description: Research into latest developments of public school choral and instrumental music. May not be used for degree credit with MUSI 5942.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4972 Post Tonal Analysis
Prerequisites: MUSI 2552 with minimum grade of "C" and successfully pass the Upper-Division Theory Barrier Exam.
Description: Techniques for the analysis of music from the 20th and 21st centuries, including set analysis.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Music

MUSI 4990 Selected Studies in Music and Music Education
Description: Short-term area studies in music and music education. Offered for variable credit, 1-3 credit hours, maximum of 8 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 4993 Senior Honors Project
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided program in musicological research, music composition, or music performance, ending with an honors project under the direction of a faculty member with a second faculty member to complete an examining committee. Required for graduation with departmental honors in music.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Music
General Education and other Course Attributes: Honors Credit

MUSI 5002 Final Degree Performance
Description: Prepare and perform or conduct a public concert or recital of significant repertoire.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5012 Final Degree Project and Oral Examination
Description: Final capstone project in performance or conducting as assigned by disciplinary area, and cumulative oral examination before a designated committee of faculty. Detailed information on acceptable projects are found in the Graduate Music Student Handbook. Previously offered as MUSI 5004.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5022 Graduate Theory Review
Description: Designed as a review of musical analysis materials and techniques necessary to prepare students for further studies in music analysis at the graduate level. Enrollment is mandated or encouraged based on entrance exam scores.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5032 Graduate History Review
Description: A review of the development of Western European art music from the medieval era to the present day to enable graduate students to study music history at the graduate level. Enrollment is mandated or encouraged based upon entrance exam scores.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5042 Collaborative Piano I
Prerequisites: Music major status or consent of instructor.
Description: This course introduces pianists to various collaborative works focusing on vocal repertoire from early Italian songs written in the late Renaissance era through the music of our times. This course will feature class performance and coaching sessions, and discussions of style and practical rehearsal techniques, with listening and reading assignments. Through the course, students will learn the art of collaborating with vocalists. May not be used for degree credit with credit in MUSI 4042.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5051 Introduction to Woodwind Repair and Maintenance
Description: Beginning woodwind repair and maintenance involves hands-on instruction on basic repair for woodwind instruments, including saxophone, clarinet, and flute. Woodwind repair experts will guest lecture in addition to the primary instructor.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5113 Introduction to Graduate Studies in Music
Prerequisites: Admission to Master of Music program.
Description: Understanding of the resources available for research in the field of music. Explanation of the types of research materials needed for classes in the Master of Music degree program, as well as providing the groundwork for success in the professional world as a music educator and performer.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5142 Collaborative Piano II
Prerequisites: Music major status or consent of instructor.
Description: This course introduces pianists to duo/chamber repertoire written for piano with various instruments. This course will feature class performances, discussions of style and practical techniques in rehearsal, and recital performances as a collaborative pianist. The course will focus on repertoire from the Baroque era to the present, including works for solo instruments and piano, duo sonatas, character pieces, and chamber music for 3 or more instruments. May not be used for degree credit with MUSI 4142.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5480 Lessons in Applied Music (Minor Field)
Prerequisites: Bachelor's degree or equivalent performance level in applied major field.
Description: Offered for variable credit, 1-4 credit hours, maximum of 12 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5490 Lessons in Applied Music (Major Field)
Prerequisites: Bachelor's degree or equivalent performing level in applied major field.
Description: Private Lessons. Offered for variable credit, 1-4 credit hours, maximum of 12 credit hours.
Credit hours: 1-4
Contact hours: Contact: 1-4 Other: 1-4
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5512 Advanced Studies in Music Literature and Pedagogy I
Prerequisites: MUSI 3753, MUSI 3763 or equivalent.
Description: Techniques of successful programming, teaching and performance of ensemble literature through a survey of repertoire appropriate to the student's chosen medium.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5522 Advanced Studies in Music Literature and Pedagogy II
Prerequisites: MUSI 3753, MUSI 3763 or equivalent.
Description: A continuation of MUSI 5512, with emphasis upon music of the 20th century and its attendant specialized performance techniques.
Credit hours: 2
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5600 Chamber Ensembles
Description: Combinations of voice, keyboard, orchestral instruments for performing chamber music, music theater and duo piano repertoire. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.
Credit hours: 1-2
Contact hours: Lab: 2-4 Contact: 2-4
Levels: Graduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5610 University Bands
Description: Advanced study of a wide variety of music in all areas of band literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.
Credit hours: 1-2
Contact hours: Lab: 2-4 Contact: 2-4
Levels: Graduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5620 Symphony Orchestra
Description: Advanced study of a wide variety of music in all areas of orchestral literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.
Credit hours: 1-2
Contact hours: Lab: 4-8 Contact: 4-8
Levels: Graduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5630 University Choral Ensembles
Description: Advanced study of a wide variety of music in all areas of choral literature. Offered for variable credit, 1-2 credit hours, maximum of 36 credit hours.
Credit hours: 1-2
Contact hours: Lab: 2-4 Contact: 2-4
Levels: Graduate
Schedule types: Lab
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5700 Piano Accompanying
Prerequisites: Music major status or consent of instructor.
Description: The course is designed for piano students to develop techniques needed to study, analyze, and perform as accompanists. The piano majors will have one-hour weekly coaching sessions and learn various duo repertoire in collaborations with a vocalist and an instrumentalist assigned by the instructor of the course throughout the semester. Same course as MUSI 4700.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5712 Advanced Studies in Conducting I
Prerequisites: MUSI 3712 and MUSI 3722 or equivalent.
Description: Acquisition of an expressive conducting gestural vocabulary as it relates to the student's chosen medium.
Credit hours: 2
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5722 Advanced Studies in Conducting II
Prerequisites: MUSI 5712.
Description: A continuation of MUSI 5712 focusing upon the gestural vocabulary as it relates to the specific complexities of contemporary music.
Credit hours: 2
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5733 Techniques of Pedagogy and Performance
Prerequisites: MUSI 3712 and MUSI 3722 or equivalent.
Description: Advanced techniques and modes for preparing music for performance.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5742 Conducting Practicum
Prerequisites: MUSI 5712, MUSI 5722.
Description: Supervised conducting opportunities with major OSU ensembles or approved off-campus ensembles.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5750 Seminar in Music History
Prerequisites: MUSI 3753 and MUSI 3763 or equivalent.
Description: Major European musical genres and pedagogical methods of a specified time in musical history. Acquaintance with source materials from the specified period to facilitate a knowledge of performance of genres studied. Topics vary. Previously offered as MUSI 5753. Offered for varied, 1-3 varied credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5810 Problems in Musical Composition
Prerequisites: Consent of instructor.
Description: Practical experience in musical composition. May not be used for degree credit with MUSI 4810.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music

MUSI 5812 Performance and Analysis
Prerequisites: Passing score on Graduate Theory Placement Exam or MUSI 5022.
Description: An overview of the relationship between performance and analysis within the field of music theory. No degree credit for students with credit in MUSI 4812.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5813 Studies in Lyric Diction
Prerequisites: Bachelor's degree or equivalent performing level in applied major field.
Description: This course provides an in-depth study of lyric diction in Italian, French, German, and English through the application of the International Phonetic Alphabet (IPA). Students will develop skills in accurate pronunciation, articulation, and expressive text delivery essential for professional-level vocal performance. This course is designed for graduate-level singers, vocal coaches, collaborative pianists, choral and orchestral conductors, and music professionals seeking to enhance their linguistic proficiency in classical and operatic repertoire.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5842 Music Repertory
Description: Survey of music literature suitable for teaching various levels in applied music.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5890 Special Studies in Music Pedagogy
Description: Survey of music pedagogical methods suitable for various levels and types of applied music. May not be used for degree credit with MUSI 4890.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5942 Music Education Seminar
Description: Research into latest developments of public school choral and instrumental music. May not be used for degree credit with MUSI 4942.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5952 Music in the School Curriculum
Description: Aims, content and motivation of the music education program in elementary and secondary schools from the standpoint of the classroom teacher, music specialist and administrator. May not be used for degree credit with MUSI 4952.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5962 Analytical Techniques in Music I
Prerequisites: Passing score on Graduate Theory Placement Exam or MUSI 5022.
Description: A critical survey of important analytical approaches to tonal and post tonal music.
Credit hours: 2
Contact hours: Lecture: 2 Contact: 2
Levels: Graduate
Schedule types: Lecture
Department/School: Music

MUSI 5972 Analytical Techniques in Music II
Prerequisites: Passing score on Graduate Theory Placement Exam or MUSI 5022.
Description: A continuation of MUSI 5962. Topics will include Schenkerian analyses, set theory, and other contemporary analytical approaches to post tonal music.
Credit hours: 2
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

MUSI 5990 Selected Studies in Music
Description: Short-term area studies in music and music education. Offered for variable credit, 1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Graduate
Schedule types: Independent Study
Department/School: Music
Additional Fees: Music Program fee of $30 per credit hour applies.

Undergraduate Programs

- Music Education: Instrumental/Vocal Certification, BM (p. 1739)
- Music Industry, BS (p. 1744)
- Music, BA (p. 1747)
- Music: Jazz Performance, BM (p. 1750)
- Music: Music Composition, BA (p. 1753)
- Music: Performance, BM (p. 1756)

Graduate Programs

The Master of Music offers the performer and conductor the opportunity to further their professional studies and/or prepare for study at the doctoral level.

For the student pursuing the conducting option, we stress challenging studies in conducting skills, repertoire and rehearsal techniques. Degree candidates will focus on their particular area of specialty and will have numerous opportunities to conduct appropriate choirs, wind bands, orchestras and string groups, and chamber ensembles.

As a part of specializing on their instruments, students who choose the applied music option will develop a refined knowledge of the literature composed for that instrument and will also learn the teaching and technical approaches that have been developed for that musical medium. Performing opportunities, both solo and collaborative, are an important component of the degree candidate's studies.

The Master of Music is a 32-hour degree. Each option includes courses in music research and bibliography, music theory, and music history. Elective credits that are built into each degree option permit the student to explore additional interests. Each degree candidate will complete a final project designed in collaboration with their primary professor. A final oral examination is also part of the degree requirements.

Admission Requirements

Prospective students must have earned a bachelor's degree or the equivalent. Students interested in the conducting option must audition on campus, or submit a video recording of their conducting. Students interested in the applied music option must audition on campus or submit an audio or video recording of a recent performance (minimum of 20 minutes of music).

Financial Assistance

The Michael and Anne Greenwood School of Music offers a variety of assistantships with areas of specialization including music appreciation, class piano, instrumental techniques, accompanying, conducting, and music technology, among others. Additional scholarships may be awarded through the Greenwood School of Music.

Minors

- Applied Music (APMU), Minor (p. 1735)
- Jazz (JAZZ), Minor (p. 1736)
- Music (MUSI), Minor (p. 1737)
- Music Composition and Theory (MUCT), Minor (p. 1738)

Faculty

Lucia Unrau, DMA—Professor and Director
Regents Professor: Brant Adams, PhD
Professors: Wayne Bovenschen, MM; Paul R. Compton, MM; Anné-Marie Condacse, DMA; Bradley Genevro, DMA; April Golliver-Mohiuddin, MM; Christopher Haygood, DMA; Igor Karača, DMA; Heather Shea Lanners, MM; Lanette López-Compton, MM; Thomas Poole, DMA; D. Allen Scott, PhD
Associate Professors: Joseph Cooper, DMA; Erin K. Murphy, DMA; Mark E. Perry, PhD; Ryan Robinson, DMA; Steve P. Sanders, MM; Jacqueline Skara, PhD
Assistant Professors: Luca Antonucci, DMA; Christiaan Bester, DMA; Wendy Bickford, MM; Glenn Dewey, MM; Allan Goodwin, MM; David Hier, PhD; Ben Kambs, PhD; Amy Melton, PhD; Johnny Salinas, DMA; Sarah Sarver, PhD
Clinical Professor: Nataša Kaurin-Karača, MM
Teaching Assistant Professor: Zack Deininger, DMA; Tomomi Sato, DMA
Visiting Assistant Professor: Kevin Flynn, DMA; Sun Huh, DM; Shawn Seguin, DMA; Elizabeth Toles, MM; Christine Wu, DMA
Lecturers: Pi-Ju Chiang, MM; Elena Lyalina, DMA
Adjunct Professors: Trent Bell; Allison Ringler, MM; Luke Tallon

Applied Music (APMU), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clinton Wieden, 102B GSM, 405-744-2966

Minimum Grade Point Average in Minor Coursework: 2.00 with no grade below "C".
Total Hours: 15

Code	Title	Hours
Performance		
12 hours from the following, with minimum of 4 hours from each category:		12
Applied Lessons:		
MUSI 2480	Elective Applied Lessons	
MUSI 2490	Major Applied Lessons	
MUSI 4480	Elective Applied Lessons	
MUSI 4490	Major Applied Lessons	
JAZZ 2010	Applied Jazz Lessons	
JAZZ 3010	Applied Jazz Lessons	
Ensembles:		
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
MUSI 4042	Collaborative Piano I	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
History and Culture		
Select one course from (2-3 hours): [1]		2-3
MUSI 2573	Introduction to Music (H)	
MUSI 2763	History of Rock and Roll (H)	
MUSI 2783	American Popular Music (H)	
MUSI 3543	Music and Culture of Northern Italy (H)	
MUSI 3572	History of Opera in Society (H)	
MUSI 3573	America's Ethnic Music (DH)	
MUSI 3582	Survey of World Musics	
MUSI 3583	Traditional World Music (H)	
MUSI 3873	History of Music from 1800-Present	
MUSI 3883	History of Popular Music	
MUSI 4840	Special Studies in Music Literature	
MUSI 4842	Choral Literature for the Classroom	
JAZZ 2773	History of Jazz (H)	
Electives		
Select one course from (1-2 hours): [2]		1-2
MUSI 1002	Fundamentals of Music	
MUSI 1011	Class Piano I (by instructor permission)	
MUSI 1532	Theory of Music I	
MUSI 4890	Special Studies in Music Pedagogy	
JAZZ 4002	Jazz Theory I	
Total Hours [1, 2]		**15**

1. If three-hour course is chosen in History and Culture, total hours increase by one.
2. If two-hour course is chosen from Electives, total hours increase by one.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Jazz (JAZZ), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clinton Wieden, 102B GSM, 405-744-2966

Total Hours: 19

Code	Title	Hours
JAZZ 2773	History of Jazz (H)	3
Four hours from:		4
JAZZ 2010	Applied Jazz Lessons	
or JAZZ 3010	Applied Jazz Lessons	
JAZZ 4002	Jazz Theory I	2
JAZZ 4012	Jazz Theory II	2
Select 8 hours from the following:		8
JAZZ 1221	Jazz Class Piano	
JAZZ 3010	Applied Jazz Lessons (up to 4 hours)	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4102	Jazz Arranging & Composition I	
JAZZ 4112	Jazz Arranging and Composition II	
JAZZ 4600	Jazz Combos	
JAZZ 4972	Jazz Styles and Analysis	
Total Hours		**19**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Music (MUSI), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clinton Wieden, 102B GSM, 405-744-2966

Minimum Overall Grade Point Average: 2.00 with no grade below "C."
Total Hours: 24

Code	Title	Hours
Minor Requirements		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 3763	History of Music from 1600-1800 [1]	3
MUSI 3873	History of Music from 1800-Present [1]	3
Applied Music		
Select 6 hours in primary instrument		6
Select 2 hours of piano [2]		2
Music Organizations		
Select 4 hours of the following:		4
MUSI 2610	University Bands I	
or MUSI 3610	University Bands II	
MUSI 2620	Symphony Orchestra I	
or MUSI 3620	Symphony Orchestra II	
MUSI 2630	University Choral Ensembles I	
or MUSI 3630	University Choral Ensembles II	
Total Hours		**24**

[1] MUSI 3753 History of Music to 1600 (H) may be substituted for either MUSI 3763 History of Music from 1600-1800 or MUSI 3873 History of Music from 1800-Present.

[2] If piano is primary applied area, 2 hours in a secondary applied area of the student's choosing.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Music Composition and Theory (MUCT), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clinton Wieden, 102B GSM, 405-744-2966

Minimum grade and/or GPA: Minimum grade of "C" for all courses in the minor.
Total Hours: 18

Code	Title	Hours
Course Requirements		
MUSI 1002	Fundamentals of Music	2
MUSI 1532	Theory of Music I	2
MUSI 1542	Theory of Music II	2
MUSI 4810	Problems in Musical Composition [1]	8
Select four credit hours from the following:		4
MUSI 2013	Popular Music Theory	
MUSI 2552	Theory of Music III	
MUSI 2562	Theory of Music IV	
MUSI 3772	Counterpoint	
JAZZ 4002	Jazz Theory I	
JAZZ 4012	Jazz Theory II	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
MUSI 4990	Selected Studies in Music and Music Education	
Total Hours		**18**

[1] Option to substitute two credit hours with JAZZ 4102.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Music Education: Instrumental/Vocal Certification, BM

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 126-128

Code	Title	Hours
General Education Requirements		
See Academic Regulation 3.5 (p. 1041)		
English Composition		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") [1]	3
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
or SOC 1113	Introductory Sociology (S)	
SPCH 2713	Introduction to Speech Communication (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**1**
Major Requirements		
Minimum 2.50 GPA in all MUSI, JAZZ, and Professional Education courses with a minimum grade of "C" in each course.		
Lower Division		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
Choose from the following:		3-4
MUSI 2561 & MUSI 2562	Sight Singing and Aural Skills IV and Theory of Music IV	
JAZZ 4002 & JAZZ 4012	Jazz Theory I and Jazz Theory II	
Select 3 hours from:		3
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	Elective Applied Lessons	
Eight hours from:		8
MUSI 2490	Major Applied Lessons	
Select 4 hours from:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
Keyboard majors: select a minimum of 2 hours from lower-division Music Organization and up to 2 hours MUSI 4600 (Chamber Piano or Piano Duo).		
Upper Division		
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3722	Advanced Ensemble Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4901	Senior Recital	1
Choose One:		2-3
MUSI 3783	Form And Analysis	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
JAZZ 4102	Jazz Arranging & Composition I	
Five hours from:		5
MUSI 4490	Major Applied Lessons	

Professional Education		
EPSY 3413	Child and Adolescent Development	3
SPED 3202	Educating Exceptional Learners	2
MUSI 2722	Introduction to Music Education	2
MUSI 2732	Course MUSI 2732 Not Found	2
MUSI 3832	Elementary Music Methods	2
MUSI 3640	Vocal Rehearsal Practicum	1
or MUSI 3641	Instrumental Rehearsal Practicum	
MUSI 4742	Student Teaching Seminar in Music Education	2
MUSI 4940	Student Teaching in Public School Music	6
Certification		
Select Instrumental or Vocal (p. 1740)		12
Hours Subtotal		**79-81**
Electives		**6**
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**6**
Total Hours		**126-128**

[1] College and Departmental Requirements that may be used to meet General Education Requirements

Certification

Instrumental

Code	Title	Hours
Select 5 hours of Instrumental Techniques Classes from:		5
MUSI 1001	Percussion Techniques	
MUSI 1071	Single Reed Techniques	
MUSI 1081	Double Reed Techniques	
MUSI 1091	High Brass Techniques	
MUSI 2051	High String Techniques	
MUSI 2061	Low String Techniques	
MUSI 2071	Flute Techniques	
MUSI 2091	Low Brass Techniques	
MUSI 3852	Secondary Instrumental Methods	2
or MUSI 3862	String Orchestra Methods	
Select 3 hours of upper-division large ensemble of the following:		3
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Choose one:		2
MUSI 3842	Marching Bands Methods (Winds, Brass, & Percussion)	
MUSI 4890	Special Studies in Music Pedagogy (2 hours, Strings)	

Vocal/Keyboard

Code	Title	Hours
MUSI 1631	Introduction to Diction for Singers	1
MUSI 3732	Secondary Choral Methods	2
MUSI 4842	Choral Literature for the Classroom	2
MUSI 4890	Special Studies in Music Pedagogy (Vocal Pedagogy)	2
Choose Keyboard or Vocal		*5*
Keyboard		
MUSI 4480	Elective Applied Lessons (Elective Applied Voice, 2 hours)	
MUSI 4042	Collaborative Piano I	
MUSI 4600	Chamber Ensembles (1 hour - Chamber Piano)	
Vocal		
MUSI 3022	Piano Skills for Vocal Music Education Majors	
Select 3 hours upper-division large ensemble of the following:		
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance and must participate in Applied Major Music Lessons each semester of residence. All wind and percussion instrumental music education majors must enroll in MUSI 2610 University Bands I/MUSI 3610 University Bands II Marching Band for a minimum of 3 semesters.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Instrumental

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 2490	Major Applied Lessons	2
MUSI 1011	Class Piano I	1
MUSI 2610	University Bands I	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH/STAT		3
Elective		1
	Hours	**15**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2490	Major Applied Lessons	2
MUSI 1021	Class Piano II	1
MUSI 2610	University Bands I	1
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
General Education courses		3
MUSI 2722	Introduction to Music Education	2
Elective		2
	Hours	**17**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2490	Major Applied Lessons	2
MUSI 2610	University Bands I	1
MUSI 2010	Piano Class Lessons	1
PSYC 1113 or SOC 1113	Introductory Psychology (S) or Introductory Sociology (S)	3
MUSI 3753	History of Music to 1600 (H)	3
Natural Science (N)		2
General Education courses		1
Elective		2
	Hours	**18**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 2490	Major Applied Lessons	2
MUSI 2610	University Bands I	1
MUSI Techniques Classes		2
MUSI 3763	History of Music from 1600-1800	3
SPED 3202	Educating Exceptional Learners	2
General Education courses (Natural Science + L)		4
Elective		1
	Hours	**18**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 3832	Elementary Music Methods	2
MUSI 4490	Major Applied Lessons	2
MUSI 3610	University Bands II	1
MUSI 3712	Basic Conducting	2
MUSI 3783	Form And Analysis	3
MUSI 3582	Survey of World Musics	2
MUSI 3873	History of Music from 1800-Present	3
POLS 1113	American Government	3
	Hours	**18**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI Techniques Classes		2
MUSI 3852 or MUSI 3862	Secondary Instrumental Methods or String Orchestra Methods	2
MUSI 3610	University Bands II	1
MUSI 3722	Advanced Ensemble Conducting	2
MUSI 4490	Major Applied Lessons	2
MUSI 4912 or JAZZ 4102	Orchestration and Arranging or Jazz Arranging & Composition I	2
MUSI 4972	Post Tonal Analysis	2
MUSI 3641	Instrumental Rehearsal Practicum	1
SPCH 2713	Introduction to Speech Communication (S)	3
	Hours	**17**
Senior		
Fall		
MUSI 3842 or MUSI 4890	Marching Bands Methods or Special Studies in Music Pedagogy	2
MUSI Techniques Classes		1
MUSI 4901	Senior Recital	1
MUSI 4490	Major Applied Lessons	1
HIST 1103	Survey of American History	3
MUSI 3610	University Bands II	1
EPSY 3413	Child and Adolescent Development	3
General Education courses [1]		3
General Education courses		3
	Hours	**18**
Spring		
MUSI 4742	Student Teaching Seminar in Music Education	2
MUSI 4940	Student Teaching in Public School Music	6
	Hours	**8**
	Total Hours	**129**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Keyboard

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 2490	Major Applied Lessons	2
MUSI 2480	Elective Applied Lessons	1
MUSI 1631	Introduction to Diction for Singers	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MUSI 26XX	Major Ensemble	1
MATH/STAT		3
	Hours	**15**

Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2490	Major Applied Lessons	2
MUSI 2480	Elective Applied Lessons	1
MUSI 26XX	Major Ensemble	1
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
General Education courses		3
MUSI 2722	Introduction to Music Education	2
Elective		1
	Hours	**16**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2490	Major Applied Lessons	2
MUSI 4700	Piano Accompanying	1
MUSI 2480	Elective Applied Lessons	1
PSYC 1113 or SOC 1113	Introductory Psychology (S) or Introductory Sociology (S)	3
MUSI 3753	History of Music to 1600 (H)	3
SPCH 2713	Introduction to Speech Communication (S)	3
Elective		2
	Hours	**18**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 2490	Major Applied Lessons	2
MUSI 4700	Piano Accompanying	1
SPED 3202	Educating Exceptional Learners	2
MUSI 3763	History of Music from 1600-1800	3
POLS 1113	American Government	3
General Education courses	(Natural Science + L)	4
	Hours	**18**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 3832	Elementary Music Methods	2
MUSI 4490	Major Applied Lessons	2
MUSI 3712	Basic Conducting	2
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
HIST 1103	Survey of American History	3
Elective		3
	Hours	**18**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 3932	Intermediate Music Methods	2
MUSI 4490	Major Applied Lessons	2
MUSI 3722	Advanced Ensemble Conducting	2
MUSI 3732	Secondary Choral Methods	2
MUSI 4912 or JAZZ 4102	Orchestration and Arranging or Jazz Arranging & Composition I	2
MUSI 4972	Post Tonal Analysis	2
General Education courses	(Natural Science)	2
General Education course		1
MUSI 3640	Vocal Rehearsal Practicum	1
MUSI 4042	Collaborative Piano I	2
	Hours	**18**
Senior		
Fall		
MUSI 4480	Elective Applied Lessons	2
MUSI 4842	Choral Literature for the Classroom	2
MUSI 4901	Senior Recital	1
MUSI 4490	Major Applied Lessons	1
MUSI 4600	Chamber Ensembles	1
EPSY 3413	Child and Adolescent Development	3
MUSI 3582	Survey of World Musics	2
General Education courses [1]		3
General Education courses		3
	Hours	**18**
Spring		
MUSI 4742	Student Teaching Seminar in Music Education	2
MUSI 4940	Student Teaching in Public School Music	6
	Hours	**8**
	Total Hours	**129**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Vocal

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 2490	Major Applied Lessons	2
MUSI 1011	Class Piano I	1
MUSI 1631	Introduction to Diction for Singers	1
MUSI 2630	University Choral Ensembles I	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
MATH/STAT		3
	Hours	**15**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2490	Major Applied Lessons	2
MUSI 1021	Class Piano II	1
MUSI 2630	University Choral Ensembles I	1
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
General Education courses		3
Elective		3
MUSI 2722	Introduction to Music Education	2
	Hours	**18**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2490	Major Applied Lessons	2
MUSI 2630	University Choral Ensembles I	1
MUSI 2010	Piano Class Lessons	1

MUSI 3753	History of Music to 1600 (H)	3
PSYC 1113 or SOC 1113	Introductory Psychology (S) or Introductory Sociology (S)	3
HIST 1103	Survey of American History	3
	Hours	**16**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 2490	Major Applied Lessons	2
MUSI 2630	University Choral Ensembles I	1
SPED 3202	Educating Exceptional Learners	2
MUSI 3763	History of Music from 1600-1800	3
POLS 1113	American Government	3
SPCH 2713	Introduction to Speech Communication (S)	3
Elective		1
	Hours	**18**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 3832	Elementary Music Methods	2
MUSI 4490	Major Applied Lessons	2
MUSI 3630	University Choral Ensembles II	1
MUSI 3712	Basic Conducting	2
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
General Education courses [1]		3
MUSI 3022	Piano Skills for Vocal Music Education Majors	2
	Hours	**18**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 3932	Intermediate Music Methods	2
MUSI 4490	Major Applied Lessons	2
MUSI 3630	University Choral Ensembles II	1
MUSI 3722	Advanced Ensemble Conducting	2
MUSI 3732	Secondary Choral Methods	2
MUSI 4912 or JAZZ 4102	Orchestration and Arranging or Jazz Arranging & Composition I	2
MUSI 4972	Post Tonal Analysis	2
MUSI 3640	Vocal Rehearsal Practicum	1
General Education courses	(Natural Science + L)	4
	Hours	**18**
Senior		
Fall		
General Education courses	(Natural Science)	2
General Education courses		1
MUSI 4842	Choral Literature for the Classroom	2
MUSI 4901	Senior Recital	1
MUSI 4490	Major Applied Lessons	1
MUSI 3630	University Choral Ensembles II	1
MUSI 3582	Survey of World Musics	2
EPSY 3413	Child and Adolescent Development	3
General Education course		3
Elective		2
	Hours	**18**
Spring		
MUSI 4742	Student Teaching Seminar in Music Education	2
MUSI 4940	Student Teaching in Public School Music	6
	Hours	**8**
	Total Hours	**129**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Music Industry, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, except MATH 1493) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
MGMT 3013	Fundamentals of Management (S) [1]	3
MKTG 3213	Marketing (S) [1]	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
MUSI 3873	History of Music from 1800-Present	3
Natural & Mathematical Sciences		
STAT 2013	Elementary Statistics (Q)	3
Select 6 additional hours		6
See note 2.b.		
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum 2.50 GPA in all MUSI, JAZZ, MSIN, and Business courses with a minimum grade of "C" in each MUSI, JAZZ, MSIN, and Business course.		
MUSI 1002	Fundamentals of Music	2
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MSIN 2012	Popular Music Theory I	2
MUSI 1623	Introduction to Music Business	3
MSIN 2022	Popular Music Theory II	2
MSIN 3142	Sound Reinforcement	2
Select 4 hours from:		4
MUSI 2490	Major Applied Lessons	
MUSI 4490	Major Applied Lessons	
Select 2 hours from:		2
MUSI 1011	Class Piano I	
or MSIN 1011	Class Piano I	
MUSI 1021	Class Piano II	
or MSIN 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	Elective Applied Lessons	
Select 6 hours Music Organization from:		6
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
ACCT 2103	Financial Accounting	3
or ACCT 2003	Survey of Accounting	
ECON 2003	Microeconomic Principles for Business	3
or ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	3
MUSI 3012	Advanced Music Production	2
MUSI 3582	Survey of World Musics	2
MUSI 3883	History of Popular Music	3

MSIN 3002	Fundamentals of Music Production	2
MSIN 3012	Studio Music Production	2
MSIN 3052	Social Media for Music Industry	2
MSIN 3132	Lighting for Music	2
4 hours from the following or any upper-division BADM, EEE, FIN, HTM, MGMT, or MKTG		4
MSIN 4990	Special Topics in Music Industry	
MUSI 3592	Introduction to Music Technology	
MUSI 3672	Music Technology II	
LSB 3213	Legal and Regulatory Environment of Business	3
MUSI 4100	Music Industry Internship	6
Hours Subtotal		**64**
Electives		
Select 3 hours.		3
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**3**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Must successfully complete an entrance audition, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113	Composition I	3
MATH 1483	Mathematical Functions and Their Uses (Q) (or Higher, except 1493)	3
MUSI 0500	Student Recital Attendance	0
MUSI 1002	Fundamentals of Music	2
Music Lessons and Ensemble		2
General Education and College courses		3
UNIV 1111	First Year Seminar	1
	Hours	**14**
Spring		
ENGL 1213	Composition II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1532	Theory of Music I	2
MUSI 1623	Introduction to Music Business	3
Music Lessons and Ensemble		2
General Education courses		3
MUSI 1011	Class Piano I	1
	Hours	**14**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
ECON 2103 or ECON 2003	Introduction to Microeconomics (S) or Microeconomic Principles for Business	3
MSIN 2012	Popular Music Theory I	2
STAT 2013	Elementary Statistics (Q)	3
Music Lessons and Ensemble		2
General Education and College courses		3
MUSI 1021	Class Piano II	1
	Hours	**15**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
Music Lessons and Ensemble		2
MSIN 2022	Popular Music Theory II	2
ECON 2203	Introduction to Macroeconomics	3
General Education course		3
ACCT 2103 or ACCT 2003	Financial Accounting or Survey of Accounting	3
	Hours	**14**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MSIN 3002	Fundamentals of Music Production	2
MSIN 3052	Social Media for Music Industry	2
MSIN 3142	Sound Reinforcement	2
General Education and College courses		9
	Hours	**15**
Spring		
MUSI 0500	Student Recital Attendance	0
MSIN 3012	Studio Music Production	2
MUSI 3883	History of Popular Music	3
MSIN 4990	Special Topics in Music Industry	2
MSIN 3132	Lighting for Music	2
MKTG 3213	Marketing (S)	3
General Education and College courses		3
	Hours	**15**
Senior		
Fall		
MUSI 3012	Advanced Music Production	2
MUSI 3582	Survey of World Musics	2
MUSI 3873	History of Music from 1800-Present	3
MGMT 3013	Fundamentals of Management (S)	3
Elective courses		3
Ensemble		1
	Hours	**14**
Spring		
Ensemble		1
LSB 3213	Legal and Regulatory Environment of Business	3
MSIN 4990	Special Topics in Music Industry	2
General Education courses		7
	Hours	**13**
Summer		
MUSI 4100	Music Industry Internship	6
	Hours	**6**
	Total Hours	**120**

Music, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") [1]	3
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F)		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA with minimum grade of “C” in all MUSI and JAZZ courses.		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 2490	Major Applied Lessons	4
Select 2 hours of Applied Minor Music Lessons from:		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	Elective Applied Lessons	
Select 4 hours of Music Organization of the following:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3582	Survey of World Musics	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4490	Major Applied Lessons	4
Select 2 hours of the following:		2
MUSI 3712	Basic Conducting	
MUSI 4912	Orchestration and Arranging	
MUSI 4972	Post Tonal Analysis	
Select one of the following majors:		2
Instrumental and Voice Majors:		
Select 2 hours of upper-division large ensemble from the following:		
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Keyboard Majors:		
MUSI 4042	Collaborative Piano I	
or MUSI 4142	Collaborative Piano II	

Hours Subtotal	**41**
Electives	
Select 17 hours	17
All electives plus 5 hours general education or college requirements, in addition to MUSI 3753, may need to be upper-division and must include 6 hours upper-division general education outside major department. (see note 2.c.)	
4 hours need to be liberal arts or liberal science from ART, ASL, BIOL, CHEM, CHIN, CS, ENGL, FLL, FREN, GEOG, GEOL, GREK, GRMN, HIST, JAPN, KRN, LATN, LL, MATH, MICR, PBIO, PHIL, PHYS, POLS, PSYC, RUSS, SOC, SPAN, SPCH, STAT, TH.	
Hours Subtotal	**17**
Total Hours	**120**

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113	Composition I	3
MATH or STAT course designated (A)		3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
Music Lessons and Ensemble		3
	Hours	**13**
Spring		
ENGL 1213	Composition II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
Music Lessons and Ensemble		3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		2
1713 First Semester Foreign Language		3
General Education and Elective courses		4
	Hours	**15**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
Music Lessons and Ensemble		2
1813 Second Semester Foreign Language		3
General Education and Elective courses		6
	Hours	**17**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
Music Lessons		1
2000-level Foreign Language		3
College and Elective hours		6
	Hours	**16**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 3712 or MUSI 4912 or MUSI 4972	Basic Conducting or Orchestration and Arranging or Post Tonal Analysis	2
Music Lessons		1
General Education courses		10
	Hours	**13**
Senior		
Fall		
Music Lessons and Ensemble		2
MUSI 3582	Survey of World Musics	2
General Education, College, and Elective courses		12
	Hours	**16**
Spring		
Music Lessons and Ensemble		2
College and Elective courses		13
	Hours	**15**
	Total Hours	**120**

Music: Jazz Performance, BM

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
JAZZ 2773	History of Jazz (H) (Minimum grade of "C")	3
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
First Year Seminar		
(Transfer students with 15 hours exempt)		1
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**1**
Major Requirements		
Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
JAZZ 4002	Jazz Theory I	2
JAZZ 4012	Jazz Theory II	2
JAZZ 4102	Jazz Arranging & Composition I	2
JAZZ 4972	Jazz Styles and Analysis	2
Select 2 hours of Applied Minor Music Lessons		2
MUSI 1011	Class Piano I	
JAZZ 1221	Jazz Class Piano	
or MUSI 1021	Class Piano II	
MUSI 3582	Survey of World Musics	2
MUSI 3592	Introduction to Music Technology	2
MUSI 3672	Music Technology II	2
MUSI 3712	Basic Conducting	2
MUSI 3873	History of Music from 1800-Present	3
MUSI 3901	Junior Recital	1
MUSI 4901	Senior Recital	1
12 hours from:		12
JAZZ 2010	Applied Jazz Lessons	
14 hours from:		14
JAZZ 3010	Applied Jazz Lessons	
8 hours from:		8
JAZZ 3610	Jazz Orchestra	
or JAZZ 3620	Jazz Ensemble	
6 hours from:		6
JAZZ 4600	Jazz Combos	
Hours Subtotal		**69**
Electives		**10**
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**10**
Total Hours		**120**

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance, and must enroll in piano until they have successfully completed the piano proficiency examination.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education

English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
3 hours MATH or STAT (Q)		3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1011	Class Piano I	1
JAZZ 3010, 3610/3620: Lessons and Ensemble		3
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
JAZZ 1221	Jazz Class Piano	1
JAZZ 3010, 3610/3620: Lessons and Ensemble		3
General Education and Major courses [1]		6
	Hours	**16**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
JAZZ 4002	Jazz Theory I	2
JAZZ 2773	History of Jazz (H)	3
JAZZ 4600	Jazz Combos	1

JAZZ 3010, 3610/3620: Lessons and Ensemble		5
General Education courses [1]		3
	Hours	**14**
Spring		
MUSI 0500	Student Recital Attendance	0
JAZZ 4012	Jazz Theory II	2
JAZZ 4600 Combo		1
JAZZ 3010, 3610/3620: Lessons and Ensemble		5
General Education and Elective courses [1]		6
	Hours	**14**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 3873	History of Music from 1800-Present	3
MUSI 3582	Survey of World Musics	2
JAZZ 4972	Jazz Styles and Analysis	2
JAZZ 4600 Combo		1
JAZZ 3010, 3610/3620: Lessons and Ensemble		5
Electives		3
	Hours	**16**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 3901	Junior Recital	1
JAZZ 4102	Jazz Arranging & Composition I	2
JAZZ 4600 Combo		1
JAZZ 3010, 3610/3620: Lessons and Ensemble		4
General Education courses [1]		7
	Hours	**15**
Senior		
Fall		
MUSI 3592	Introduction to Music Technology	2
MUSI 3712	Basic Conducting	2
JAZZ 4600 Combo		1
JAZZ 3010, 3610/3620: Lessons and Ensemble		5
General Education courses [1]		5
	Hours	**15**
Spring		
JAZZ 3010 App. Lessons		3
MUSI 4901	Senior Recital	1
MUSI 3672	Music Technology II	2
JAZZ 4112	Jazz Arranging and Composition II	2
JAZZ 4600 Combo		1
JAZZ 3610/3620: JAZZ Orc/Ensemble		1
General Education and Elective courses [1]		6
	Hours	**16**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for upper-division courses with International (I) and Diversity (D) dimensions.

Music: Music Composition, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C")	3
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
First Year Seminar		
(Transfer students with 15 hours exempt)		1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
(See note 2.d.)		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		
MUSI 1011	Class Piano I	1
MUSI 1021	Class Piano II	1
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
or JAZZ 4002	Jazz Theory I	
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
4 hours from:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 3630	University Choral Ensembles II	
Music Composition		
MUSI 2010 & MUSI 2480	Piano Class Lessons and Elective Applied Lessons	2
or MUSI 2490	Major Applied Lessons	
or JAZZ 2010	Applied Jazz Lessons	
Four hours from:		4
MUSI 2080	Music Composition	
Eight hours from:		8
MUSI 4080	Music Composition	
MUSI 3772	Counterpoint	2
MUSI 4912	Orchestration and Arranging	2
MUSI 4972	Post Tonal Analysis	2
Hours Subtotal		**51**
Electives		
Select 7 hours		7

All electives plus 3 hours of general education or college requirements, in addition to MUSI 3753, may need to be upper-division and must include 6 hours upper-division general education outside major department (see note 2.c.).	
Hours Subtotal	**7**
Total Hours	**120**

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance.

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1

MUSI 1532	Theory of Music I	2
MUSI 1011	Class Piano I	1
Music Lessons and Ensemble		2
ENGL 1113	Composition I	3
MATH or STAT course designated (Q)		3
	Hours	**13**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 1542	Theory of Music II	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1021	Class Piano II	1
Music Lessons and Ensemble		2
ENGL 1213	Composition II	3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		3
General Education and Elective courses		3
1713 First Semester Foreign Language		3
	Hours	**15**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
Music Lessons and Ensemble		3
General Education and Elective courses		4
1813 Second Semester Foreign Language		3
	Hours	**16**
Junior		
Fall		
MUSI 0500	Student Recital Attendance	0
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
Music Lessons		2
College and Elective hours		3
2000-level Foreign Language		3
	Hours	**14**
Spring		
MUSI 0500	Student Recital Attendance	0
MUSI 4972	Post Tonal Analysis	2
Music Lessons		2
General Education courses		10
	Hours	**14**
Senior		
Fall		
Music Lessons and Ensemble		2
MUSI 3772	Counterpoint	2
MUSI 3712	Basic Conducting	2
MUSI 3582	Survey of World Musics	2
General Education, College, and Elective courses		9
	Hours	**17**
Spring		
Music Lessons and Ensemble		2
MUSI 4912	Orchestration and Arranging	2
College and Elective courses		12
	Hours	**16**
	Total Hours	**120**

Music: Performance, BM

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: Vocal: 125-126; Keyboard/Instrumental: 122-123

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
MUSI 3753	History of Music to 1600 (H) (Minimum grade of "C") [1]	3
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**1**
Major Requirements		
Minimum 2.50 GPA with minimum grade of "C" in all MUSI and JAZZ courses.		
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 2552	Theory of Music III	2
Choose from the following:		3-4
MUSI 2561 & MUSI 2562	Sight Singing and Aural Skills IV and Theory of Music IV	
JAZZ 4002 & JAZZ 4012	Jazz Theory I and Jazz Theory II	
Select 12 hours of Applied Major Music Lessons:		12
MUSI 2490	Major Applied Lessons	
Select 2 hours of Applied Minor Music Lessons		2
MUSI 1011	Class Piano I	
MUSI 1021	Class Piano II	
MUSI 2010	Piano Class Lessons	
MUSI 2480	Elective Applied Lessons	
MUSI 4480	Elective Applied Lessons	
Select 4 hours from the following:		4
MUSI 2610	University Bands I	
MUSI 2620	Symphony Orchestra I	
MUSI 2630	University Choral Ensembles I	
MUSI 3582	Survey of World Musics	2
MUSI 3712	Basic Conducting	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 4972	Post Tonal Analysis	2
Select 14 hours of Applied Major Music Lessons:		14
MUSI 4490	Major Applied Lessons	
MUSI 3901	Junior Recital	1
MUSI 4901	Senior Recital	1
Select one group (p. 1757)		20-23
Hours Subtotal		**81-85**
Electives		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**0**
Total Hours		
Vocal		*125-126*
Keyboard/Instrumental		*122-123*

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Student Recital Attendance, and must enroll in piano until they have successfully completed the piano proficiency examination.

Groups

Keyboard

Code	Title	Hours
4 hours from:		4
MUSI 4840	Special Studies in Music Literature	
4 hours from:		4
MUSI 4890	Special Studies in Music Pedagogy	
MUSI 4042	Collaborative Piano I	2
MUSI 4142	Collaborative Piano II	2
2 hours from:		2
MUSI 4600	Chamber Ensembles	
Select 6 hours from one foreign language		6

Instrumental

Code	Title	Hours
MUSI 4840	Special Studies in Music Literature	2
MUSI 4890	Special Studies in Music Pedagogy	2
Ensemble: Select 8 hours upper-division Music Organization including at least 2 hours of Chamber Music		8
MUSI 3610	University Bands II	
MUSI 3620	Symphony Orchestra II	
MUSI 4600	Chamber Ensembles	
JAZZ 3610	Jazz Orchestra	
JAZZ 3620	Jazz Ensemble	
JAZZ 4600	Jazz Combos	
Select one of the following:		2
MUSI 3722	Advanced Ensemble Conducting	
MUSI 3772	Counterpoint	
MUSI 4912	Orchestration and Arranging	
MUSI 4480	Elective Applied Lessons	
Select 6 hours from one foreign language		6

Vocal

Code	Title	Hours
MUSI 4890	Special Studies in Music Pedagogy	2
Diction/Literature		
MUSI 3642	English and Italian Diction and Vocal Literature	2
MUSI 3652	French Diction and Vocal Literature	2
MUSI 3662	German Diction and Vocal Literature	2
Ensemble: Select 6 hours upper-division Music Organization including at least one hour of Chamber Music		6
MUSI 3630	University Choral Ensembles II	
MUSI 4600	Chamber Ensembles	
Select 9 hours of foreign language from no more than two languages		9

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also

be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study[1]

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
3 hours MATH or STAT (Q)		3
MUSI 0500	Student Recital Attendance	0
MUSI 1531	Sight Singing and Aural Skills	1
MUSI 1532	Theory of Music I	2
Music Lessons and Ensemble		4
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
MUSI 0500	Student Recital Attendance	0
MUSI 1541	Sight Singing and Aural Skills II	1
MUSI 1542	Theory of Music II	2
Music Lessons and Ensemble		4
General Education and Major courses [2]		6
	Hours	**16**
Sophomore		
Fall		
MUSI 2551	Sight Singing and Aural Skills III	1
MUSI 0500	Student Recital Attendance	0
MUSI 2552	Theory of Music III	2
MUSI 3753	History of Music to 1600 (H)	3
Music Lessons and Ensemble		6
1713 First Semester Foreign Language		3
	Hours	**15**
Spring		
MUSI 2561	Sight Singing and Aural Skills IV	1
MUSI 2562	Theory of Music IV	2
MUSI 3763	History of Music from 1600-1800	3
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		5
1813 Second Semester Foreign Language		3
	Hours	**14**
Junior		
Fall		
MUSI 3783	Form And Analysis	3
MUSI 3873	History of Music from 1800-Present	3
MUSI 3582	Survey of World Musics	2
MUSI 0500	Student Recital Attendance	0
Music Lessons and Ensemble		5
General Education and College courses [2]		3
	Hours	**16**
Spring		
MUSI 3901	Junior Recital	1
MUSI 0500	Student Recital Attendance	0
MUSI 4972	Post Tonal Analysis	2
Music Lessons and Ensemble		5
General Eduation courses [2]		7
	Hours	**15**
Senior		
Fall		
MUSI 4840	Special Studies in Music Literature	2
MUSI 4600	Chamber Ensembles	1
MUSI 3712	Basic Conducting	2
Music Lessons and Ensemble		5
General Education courses [2]		6
	Hours	**16**
Spring		
MUSI 4901	Senior Recital	1
MUSI 4890	Special Studies in Music Pedagogy	2
MUSI 3722 or MUSI 3772 or MUSI 4912 or MUSI 4480	Advanced Ensemble Conducting or Counterpoint or Orchestration and Arranging or Elective Applied Lessons	2
Music Ensemble		2
General Education courses [2]		9
	Hours	**16**
	Total Hours	**122**

[1] Credit hours are 125 for Vocal Performance. Please consult with your major advisor for details.

[2] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Philosophy

Philosophy is both an intellectual activity and a subject of study. As an activity, philosophy seeks to analyze, evaluate, and often reformulate the ideas, principles and arguments by which experience is understood and explained and by which action is directed and justified. Philosophy explores every area of experience and behavior: e.g., aesthetic, political, religious, scientific and moral. The writings produced by great philosophers are worthy of study as models of thought and as artifacts of historical influence and cultural significance.

Courses offered in philosophy fall into three general groups: broad introductory courses that cover a variety of topics, historical courses that study important thinkers, and special topic or field courses. Some offerings combine the latter two characteristics. Few undergraduate courses are intended primarily for majors. The BA program in philosophy has been approved for offering at OSU-Tulsa. Students may pursue work in philosophy as part of their general education, as a support to their major area of concentration, as a minor, as a major leading to a BA degree, as a second major, or in connection with a graduate program.

In addition to the standard Bachelor of Arts in Philosophy, which offers three tracks (see below), the Department also offers two specialty options, Pre-Ministry and Pre-Law. The Pre-Ministry option includes required courses in Religious Studies, and students are encouraged to take counseling courses as electives. The Pre-Law option is flexible and allows students to incorporate relevant courses from departments such as Political Science, Economics, Finance and Business Communications

The standard Bachelor of Arts in Philosophy accommodates students of three sorts. The "general" track is designed for students who wish to explore philosophy as a general path to the refinement of their thinking, writing and speaking, and a deepening appreciation of the most fundamental and guiding ideas and values of civilization. It is a very flexible program, requiring two lower-division introductory courses, two upper-division historical survey courses and 19 hours of additional unspecified philosophy courses numbered 3000 or above. The "pre-professional" track is designed for students who wish to provide a philosophical foundation for their professional interests (such as law, medicine, business, public service). Though requirements are technically the same for these students as those on a general track, they are assigned a second advisor who helps to coordinate curricular and other activities for the best career preparation possible. The “graduate preparation" track is designed for students who are interested in pursuing graduate studies in philosophy. It requires an additional six hours of upper-division philosophy and mandates more specific courses than either of the other tracks. Students may shift from track to track at any time without prejudice.

A minor or a second major in philosophy will complement any other area of study. A philosophy minor requires 18 hours of unspecified philosophy courses, 12 of which must be numbered 3000 or above.

Courses

PHIL 1023 Who Do You Think You Are? (H)
Description: Is who you think you are really who you are? Is there more to understanding who we are than we can know with the mind? Are there depths of our personal identity that go beyond our ordinary notions about being "somebody" ? Does discovering who and what I am have any impact on the quality of my life? This course explores these issues from both philosophical and spiritual sources, utilizing practices designed to help bring direct, transformative insights into the question of who and what we really are so that we might enjoy a life of peace, love and joy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 1113 Introduction To Philosophy (H)
Description: This course explores several major philosophical questions, like can we know whether God exists; whether we have free will; what makes an action morally right or wrong; what our ethical obligations are to asylum seekers, Impoverished Individuals across the world, fetuses, terminally ill individuals; what a fair and just society looks like, and more. Previously offered as PHIL 2113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 1213 Philosophies of Life (H)
Description: This course introduces students to the history and development of philosophy with a special focus on ethics and contemporary moral arguments. By studying great philosophical works, this class enables students to think a critical manner about their own ideas and beliefs concerning philosophical problems and important issues that affect our lives. The goal of the course is to aid students in examining multiple perspectives on sometimes controversial topics, evaluate and assess articles on these topics, and allow students to form their own arguments on these issues.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

PHIL 1313 Logic and Critical Thinking (Q)
Description: Formal and informal reasoning, common fallacies, definitions and language functions, patterns of explanation. Practical criticism and development of everyday arguments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

PHIL 2003 Local Issues and Ethical Controversies (H)
Description: This course will familiarize students with current and highly debated moral issues that affect their lives and the lives of those in their community. Moral theories will be applied to critical issues that affect Oklahoma and surrounding Southwestern states. Students will learn how to articulate both sides of these debated issues, as well as how to engage in civil discourse with others with whom they may disagree.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2013 Philosophical Classics (H)
Description: Classic, renowned works by a variety of great thinkers from Plato and Descartes to Berkley, Nietzsche, Dewey, Quine, Nussbaum, West, and many others. As a student you will be engaging with some of the most interesting, thought-provoking ideas in the history of Western philosophy, ranging from the "Allegory of the Cave" and the "Ontological Argument" to existential ethics, pragmatic epistemology and feminist political theory. Previously offered as PHIL 1013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2043 Philosophy of Film (H)
Description: This course introduces students to the various philosophical issues surrounding film. Topics will include: the nature of cinema, authorship and narration, film's relationship with the emotions, genre, and cinematic depictions of love, violence, race and gender. Various film techniques will also be discussed, including cinematography, lighting, editing, scoring and sound design. These issues will be dealt with by making use of philosophical texts. Course previously offered as PHIL 3723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2053 Philosophy in Literature (H)
Description: Selected literary works examined for philosophical ideas and themes. Attention to the interrelation of form and content. In this class students will be introduced to major philosophical themes in great literature spanning across a variety of genres, from existential novels and epic poems to science fiction, horror, mystery, drama and more. Course previously offered as PHIL 4453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2313 Asking the Right Questions (Q)
Description: We're bombarded with scientific, moral, and political claims that are said to be backed by surveys or studies. Yet the claims frequently contradict each other. We hear that the economy does better when one political party is in charge, and then the next day we hear that it does better when a different party is in power. This course is meant to help students discover when they can trust a claim and the limitations of claims. Students will learn how to understand the logic behind claims and how to separate legitimate claims from those which are illegitimate.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Analytical & Quant Thought

PHIL 2413 Global Ethics (GH)
Description: Issues like poverty, climate change, immigration and the development and distribution of medical treatments can best be understood as global issues. In Global Ethics, students will study a variety of global ethical challenges and learn how those from different countries/cultures understand and respond to these challenges. The goal of this course is not to convince students that one particular viewpoint is correct. Rather, students will be encouraged to determine what they believe is the best way to understand and ethically respond to some of the global ethical issues that currently challenge u
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

PHIL 2443 Ethics: Left & Right (H)
Description: In this course students will explore multiple "sides" of social, political, and moral issues which tend to foster stark divisions in our society. The course aims to cultivate, develop, and practice the skill of engaging openly and fairly with viewpoints that we do not immediately agree with. Students will critically examine arguments from different "sides" of moral issues and political debates, attempting to illuminate strengths and weakness of either.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2483 Ethics & Sports (H)
Description: This course examines some of the many ethical questions raised by engagement with sport. Some topics to be explored include: the ethics of football In the face of health concerns; the ethics of "doping" or enhancement; what to do about morally problematic team names and mascots; whether it is moral to root for teams with morally problematic individuals; the most ethical approach to compensating athletes; how to foster greater inclusion in sport; and how to use the platform of sport to foster greater inclusion in society more generally.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2513 Philosophy, Self, & Society (H)
Description: A philosophical investigation of diverse cultural attitudes, values, and experiences. Our central task is to examine different notions of what it is to be human, and we will do so by looking into ethical and religious philosophies that emerge from a range of cultures around the globe. Topics include: the nature of the self, the role of love in human life, mysticism, personhood, ethics and obligation, and aesthetics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2573 Drugs, Philosophy & Society (H)
Description: This course will explore the various philosophical issues that arise from humankind's relationship with drug use. Considerable time will be spent analyzing the ethical issues that arise within modern U.S. drug policy. Topics include: arguments for and against drug legalization, the drug war and race, psychedelic drugs and mystical experiences, and the emerging cannabis industry in North America.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2593 Mystics & Skeptics (H)
Description: This course will explore the complex relationship between mysticism, skepticism, and philosophy. Our exploration of these themes will take us into some classic epistemological problems regarding the limits of reason, and the implications of these limitations for religious faith. Other topics include: theological predication, the problem of divine hiddenness, and religious diversity. Same course as REL 2593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 2890 Honors Experience in Philosophy
Prerequisites: Honors Program participation and concurrent enrollment in a designated PHIL course.
Description: A supplemental Honors experience in Philosophy to partner concurrently with designated Philosophy course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Honors Credit

PHIL 2990 Sophomore Seminar in Philosophy
Prerequisites: 3 credit hours of Philosophy or consent of instructor.
Description: A seminar-style course on varying philosophic topics intended for sophomores, taught by faculty members on a rotating basis. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 3003 Symbolic Logic (Q)
Prerequisites: PHIL 1313 or consent of instructor.
Description: Propositional logic and predicate logic with identity, as well as the formal analysis of language. This includes: understanding and applying common fallacies and irrational techniques of persuasion, formulating proper definitions, looking at the functions of language, analyzing patterns of explanation, and comparing and contrasting informal and formal reasoning. Practical criticism and the development of everyday arguments are also a key part of this course. Previously offered as PHIL 4303. May not be used for degree credit with PHIL 5003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Analytical & Quant Thought

PHIL 3113 Ancient Greek Philosophy (H)
Prerequisites: PHIL 1113, PHIL 1313 or PHIL 2013, or any 3000-4000 level PHIL course.
Description: This course explores the philosophical inventions of the Ancient Greeks and highlights the contemporary relevance of their ideas for us today. The course covers the physical philosophy of the Presocratics, the dramatic philosophy of Plato, the organic philosophy of Aristotle, and the happy lives of the Epicureans and Stoics. Focus is given to the following questions: What is the structure of reality? How can we know the world? What is the good-life and how can we achieve it? The answers given by the Ancient Greeks are surprisingly still relevant and interesting to us today.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3213 Philosophy in the Age of Enlightenment (H)
Prerequisites: PHIL 1113 or PHIL 1313 or PHIL 2013, or any 3000-4000 level PHIL course.
Description: Major philosophers and problems in Western thought from the 17th through the 18th century. Emphasis on Descartes, Hume and Kant.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3313 19th to 21st Century Philosophy (H)
Description: In this course we cover a wide range of topics and philosophical traditions that have been very influential in the last two centuries of Western philosophy. During this time such movements as pragmatism, deconstruction, romanticism, idealism, phenomenology, feminism, postmodernism, Marxism, and analytical philosophy became prevalent. We will therefore explore such diverse thinkers as Nietzsche, Hegel, Heidegger, Nussbaum, Quine, Butler, Derrida, James, and many more.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3413 Ethical Theory (H)
Description: Contemporary and classical views on the nature of moral judgments, moral value, relativity and objectivity, freedom and responsibility.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3433 Happiness & Well-being (H)
Description: What is happiness? And what is the relationship between a happy life and a good life? The course explores both the science and philosophy of happiness and well-being as well as the relationship between the two.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3513 Social & Political Philosophy (H)
Description: Major social thinkers and contemporary issues. These issues include communitarianism, individualism, power, authority, violence, revolution, liberalism, conservatism, feminism, human rights, freedom, communism, capitalism, and so forth. Many thinkers will be included, such as Aristotle, Locke, Rousseau, Hobbes, Machiavelli, Butler, Rawis, Nozick, Zizek, Arendt, Baudrillard, 8erlin, and more.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3523 Medieval Philosophy (H)
Description: The central focus is on the philosophical and theological problems that engaged the minds of medieval thinkers from Christian, Islamic, and Jewish traditions, including Abelard, Avicenna, Averroes, Maimonides, Aquinas, Scotus, and Ockham.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3553 Philosophy of Dreams (H)
Description: Through philosophical writings about dream-related topics, this course examines questions related to metaphysics, epistemology, and ethics. This involves a focused look at the deep questions and strange phenomena that dreaming provokes. By the end of the course, students should have an increased understanding of the history of philosophy and dreaming, popular moral theories, and the perplexities surrounding dreaming. At the same time, students will develop the ability to evaluate and think critically about philosophical writings and theories about dreams.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3613 Philosophy of Religion (H)
Description: This course introduces students to the major topics in philosophy of religion, as found in the Western monotheistic tradition. Topics include: the relationship between faith and reason, the problem of evil, arguments for God's existence, theological predication and religious language, religious experience, soteriology, and miracles.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3623 Philosophy of Race (DH)
Description: Philosophy of Race investigates race discourse within the texts of contemporary philosophers. The course begins with an examination of the concept of race from antiquity through postmodernity. Course discussion focuses on the biological veracity of race, the rise of race as a sociopolitical concept, and the role of modern philosophers in shaping the prevailing perception of people of non-European descent in the West and the implicit justification of slavery, which pervades their texts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

PHIL 3633 MLK, Jr., Malcolm X, & Philosophy of Race (DH)
Description: Critical examination of African American philosophers and other Black thinkers of the Dlaspora In an effort to understand the philosophical significance of the Black experience. Since Martin Luther King, Jr. and Malcolm X are widely accepted as the apex of the two major strains of Black-American philosophy this course will closely read their works.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

PHIL 3703 Ethics & Animals (H)
Description: This course is intended to introduce students to ethical theories while also applying them to a wide range of moral concerns surrounding animals. The central goal of this course is to help students develop the skills needed to construct philosophical arguments and analyze multiple perspectives related to the ethical treatment of animals. Topics may include: animal welfare, rights, consciousness, food, agricultural industry, captivity, hunting, and companionship.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3713 Philosophy of Education
Description: Classical and contemporary philosophers who have systematically developed their ideas about education, including Plato, Aristotle, Rousseau, Locke, and Dewey.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 3733 Environmental Ethics (H)
Description: This course explores human ethical obligations as they related to the broader natural environment in the light of two issues: contemporary concerns about human-induced changes to the environment (pollution, resource depletion, climate change, etc.), and the question of how distinct ways of conceiving the human relationship to nature impact human behavior and thereby the trajectory of these environmental changes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3743 Science and Human Values (H)
Description: A general introduction to the history of western science, stressing cultural values affecting scientific innovations, as well as the effects of scientific innovations on cultural values. Important examples from the history of astronomy and physics and from the history of evolutionary biology will be examined. Students will critically examine the relationship(s) between scientific work and broader cultural concerns.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3773 Social Media & Philosophy (H)
Description: Students will read and reflect upon some of the most influential theories on social media today. Discussions will include the competing analyses of Bauerlein, Carr, Shirky and many others who debate the influences of modern media on a wide array of topics: social identity, friendship, love, knowledge, communication, individuality, commerce, entertainment, creativity, consumerism, political activism, and democratic ideals.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3783 Ethics of Artificial Intelligence (H)
Description: Case-based examination of ethical issues surrounding the development and implementation of artificial intelligence. Topics include ethical learning, responsibility and automated systems, moral machines, explainable artificial intelligence, algorithmic bias, automation and work, human-robot interaction, machine consciousness, the moral status and rights of robots, and super-intelligence.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3793 Philosophies of Love & Sex (H)
Description: In this class students are going to engage a variety of theories on sex, love, and gender. Some of these theories emphasize the role of our evolutionary past on how we pursue intimate relationships. On this view, much of our desire for sex and love is influenced by the reproductive choices of our ancestors. Other theories, however, stress the rich diversity of social practices historically and across the world today. Students will therefore be exposed to competing ideas on marriage, sexual preferences, promiscuity, hormonal differences, gender socialization, and so forth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3803 Ethics, Society, and Business (H)
Description: Ethical issues in business, such as employer-employee duties and loyalties, advertising uses, preferential treatment practices. Analytic grounding in basic theories of ethics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3813 American Philosophy (H)
Description: Dominant trends in American philosophy, with an emphasis on Pragmatism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3823 Engineering Ethics
Description: Philosophical analysis of moral issues in engineering practice, such as whistle blowing, conflicts of interest and product liability. Professional codes of ethics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 3833 Biomedical Ethics (H)
Description: Moral problems surrounding medical practice, biomedical research, and health policy. Students will develop and use moral reasoning skills to navigate complex issues surrounding the provision of healthcare and medical practice. Topics may include physician assisted suicide, genetic engineering, human and animal experimentation, euthanasia, cloning, reproductive rights, etc. A special emphasis will be placed on the impact of health policy and medical decision-making on marginalized persons, communities, and populations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3843 Philosophy of Law (H)
Prerequisites: Upper-division standing.
Description: Philosophical issues related to U.S. law and relationship between law and morality, liability, culpability, and enforcement. Questions will be debated, like: What is "the law"? Do we have an obligation to obey the law? What about unjust laws? How should we interpret statutes and constitutions? What is the relationship between law and morality? Is it moral to lock someone in a room if they break the law? Should people be hospitalized instead? Should legislatures pass laws that prohibit us from engaging in behavior that only harms ourselves? What about laws that require us to help others?
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3853 Pragmatism (H)
Description: A survey of Pragmatism and its history. While the course will primarily focus on two major figures of American Pragmatism, Charles Peirce and William James, we will also explore how pragmatism developed in the 21st century and track its influence in both philosophy and science.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3873 Power, Oppression, & Privilege (DH)
Description: This course introduces students to various concepts, insights, and methodological tools within feminist philosophy. Questions to be addressed include: How should we understand feminism? What is intersectionality? How should we understand concepts such as power, privilege, and oppression? How should we think about sex and gender? What is sexism and misogyny and how do they operate in our society? What insights can feminist thinking bring to bear on questions of health care, sport, dating, and sexuality? What does an ethical response to injustice require?
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

PHIL 3883 Gender, Race, and Class in Healthcare (DH)
Description: This course philosophically examines the relationships of individuals and social groups to healthcare research and clinical practice, including the influences of stereotyping, microaggressions, and implicit bias on the healthcare experiences of patients who are members of marginalized groups. This course is suitable for those interested in philosophical issues around medical practice and those who hope to practice medicine with a greater awareness of issues of health injustices.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

PHIL 3890 Advanced Honors Experience in PHIL
Prerequisites: Honors Program participation and concurrent enrollment in a designated PHIL course.
Description: A supplemental Honors experience in philosophy to partner concurrently with designated upper-division PHIL course(s). This course adds a different Intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Honors Credit

PHIL 3913 Existentialism (H)
Prerequisites: Three credit hours of philosophy.
Description: This course explores a range of philosophers and literacy sources, tracing existentialism from antiquity to present day. Students will be challenged to not simply understand these texts, but to engage them in such a way as to practice these texts, but to engage them in such a way as to practice living in and through the ideas of these great thinkers. This course is just as much about discovering the breadth of the existential tradition as it is about realizing the profound freedom, limitlessness, and potential of one's own existence despite moral absurdity, subjective epistemology, and the ever-present specter of death.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 3920 Contemporary Philosophical Problems
Description: Selected contemporary problems and discussions. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 3933 Creation and Evolution
Description: Critical investigates the most prevalent debate between religion and science; namely, Darwinian Evolution vs. (so-called) Scientific Creationism (including Intelligent Design advocates). What is the available scientific evidence? What are the prevailing value differences? What are the legal precedents and prospects? This is the most complete and comprehensive investigation of these issues available on campus.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 3943 Eastern Philosophy (GH)
Description: This course surveys four Eastern philosophies from South and East Asia: Hinduism, Buddhism, Confucianism and Daoism. Using primary sources, we will explore the main themes and practices of these schools of thought, while also demonstrating that each tradition offers unique teachings on the nature of reality, the Divine, and self-identity, while also offering a set of practices designed to help one realize fundamental truths and live better.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

PHIL 4000 Senior Thesis in Philosophy
Prerequisites: PHIL 4990 and consent of instructor.
Description: Guided individual work on a thesis under the direction of a faculty member, with a second faculty reader and oral presentation. Intended for senior standing undergraduate Philosophy majors. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 4003 Mathematical Logic and Computability
Prerequisites: PHIL 3003 or MATH 3613 or consent of instructor.
Description: The basic metatheorems of first order logic: soundness, completeness, compactness, Löwenheim-Skolem theorem, undecidability of first order logic, Gödel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Gödel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as MATH 4003. May not be used for degree credit with PHIL 5013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 4013 Perspectives on Death and Dying (H)
Description: Issues that arise as individuals confront the fact of mortality. Dying patients, the ethical issues of euthanasia and suicide, the process of grief, death in literature and the arts, and philosophical and religious views on immortality.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 4113 Philosophy & the Arts (H)
Description: Nature of aesthetic objects and experiences; form, meaning and value in the arts; the function of art in society; criteria of criticism of the arts. As such, we will cover a wide diversity of writers including Aristotle, Plato, Kant, Nietzsche, Hegel, do Beauvoir, Adorno, Danto, and many more.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 4313 Philosophy of Mind (H)
Description: What is the 'Mind'? How can a human brain create thoughts, sensations, emotions, and abstract ideas? This class examines the nature of the brain, mind, soul, and self with the tools of philosophy, psychology, psychiatry, neuroscience, and evolutionary biology. Is mental content completely 'in the head' and private? or is it irreducibly tied to external input and publicly accessible? Are inner feelings and consciousness incompatible with physical explanations?
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 4543 Philosophy of Language
Prerequisites: PHIL 1313 or PHIL 3003.
Description: A survey of the development of the philosophy of language, including works of philosophers such as Frege, Wittgenstein, Russell, Strawson, Searle, Donnellan, Grice, and Kripke. May not be used for degree credit with PHIL 5543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 4553 Contemporary Ethical Theory
Prerequisites: PHIL 3413 or consent of instructor.
Description: Debate in ethical theory since Moore. The naturalistic fallacy, intuitionism, and value realism. May not be used for degree credit with PHIL 4553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 4713 Philosophy of Science (H)
Description: Is there a single 'Scientific Method', or are there a number of methods used in different sciences? Does using this method (or these methods) lead to truth concerning the physical world, or models that allow us to successfully navigate within it? What is the relationship(s) between science and other human activities (including ethics and religion)? This course will critically investigate these issues and others using examples from many disciplines in the history of science as well as current developments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 4723 Philosophy of Psychology (H)
Description: A survey of problems in philosophy of psychology, including the nature of psychology and its relation to natural sciences, the cognitive architecture of our minds, which cognitive capacities are innate and which are developed, the relationship between the brain, body, and external world, how we understand other minds, how language affects thought.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 4733 Philosophy of Biology (H)
Description: There have been many models of 'Darwinian Evolution' since The Origin of Species in 1859. How did each develop and what are the differences among them? How solid is the melding of evolution, genetics, and molecular biology established in the 1970s and 1980s? Do new developments indicate that this synthesis needs to be extended, or replaced with something new?
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

PHIL 4890 Internship in Philosophy
Prerequisites: Consent of instructor.
Description: Directed internship experience in a philosophy-related professional work setting. Students must have an approved internship that will provide philosophy experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 4943 Indian Philosophy
Prerequisites: PHIL 3943 or consent of instructor.
Description: Study of texts and themes in two main traditions of Indian Philosophy: Hinduism and Buddhism. How these schools present the fundamental nature and knowledge of reality, human existence, the divine, and enlightenment. May not be used for degree credit with PHIL 5943.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 4953 East Asian Philosophy
Prerequisites: PHIL 3943 or consent of instructor.
Description: Study of texts and themes in the Chinese and Japanese traditions: Confucianism, Daoism and Zen. How these schools present the fundamental nature and knowledge of reality, human existence, community and enlightenment. May not be used for degree credit with PHIL 5953.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 4983 Knowledge and Reality
Prerequisites: 12 credit hours of philosophy.
Description: This course surveys topics in epistemology, a branch of philosophy that asks the following types of questions. What can we know? How do we come to know it? What value does knowing have for our lives? We will also survey questions in metaphysics, a branch of philosophy that explores the nature of reality. For example, are properties like redness just as real as things like tables and chairs? What is a person? What does contemporary science say about what the world is made up of? May not be used for degree credit with PHIL 5983.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 4990 Special Studies in Philosophy
Description: Selected philosophical topics or works. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in philosophy.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Philosophy
General Education and other Course Attributes: Honors Credit

PHIL 5000 Master's Thesis in Philosophy
Description: Supervised individual work on a thesis for a master's degree. Offered for variable credit, 1-6credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5003 Symbolic Logic
Description: Propositional logic and predicate logic with identity. Formal analysis of language. May not be used for degree credit with PHIL 3003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5013 Mathematical Logic and Computability
Prerequisites: PHIL 3003 or MATH 3613 or consent of instructor.
Description: The basic metatheorems of first order logic: soundness, completeness, compactness, Löwenheim-Skolem theorem, undecidability of first order logic, Gödel's incompleteness theorem. Enumerability, diagonalization, formal systems, standard and nonstandard models, Gödel numberings, Turing machines, recursive functions, and evidence for Church's thesis. Same course as MATH 4003. May not be used for degree credit with PHIL 4003 or MATH 4003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5100 Report Research
Description: Supervised individual work on a report for a master's degree. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5210 Seminar on a Major Philosopher
Prerequisites: Three courses in philosophy.
Description: The writings of a major philosopher and related material. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5303 Topics in Philosophy of Religion
Description: An examination of central topics in the philosophy of religion, such as the existence of God, the problem of evil, divine attributes, miracles, revelation, faith and reason, religious pluralism and exclusivism, and morality.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5310 Seminar on a Field of Philosophy
Description: Three courses in philosophy. Selected topics in one field of philosophy. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5313 Topics in Social Political Thought
Description: Consideration of a single topic (e.g. justice), topics (e.g. distributive justice and citizenship) of a single philosophical school, or movement (e.g. Marxism) or several movements and schools (e.g. Marxism and liberalism).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5323 Seminar In Ancient Philosophy
Prerequisites: PHIL 3113.
Description: Philosophical problems that characterize ancient Philosophy: form and matter, one and many, universal and particular, actuality and potentiality, stability and change, substance and accidents, first principles and elements. Close reading of Plato and Aristotle.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5333 Seminar In Modern Philosophy
Prerequisites: PHIL 3213 or PHIL 3313.
Description: Examination of the metaphysical and epistemological systems of philosophers over 17th-19th century Europe such as Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant and Hegel.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5343 Seminar in East and West Comparative Philosophy
Prerequisites: PHIL 3943.
Description: Critical comparison between West European and East Asian traditions of philosophy, such as being and non-being, the nature of truth, self, human being, ethics, human rights, community, and religion.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5353 Seminar in Contemporary Continental Philosophy
Prerequisites: PHIL 3213 or PHIL 3313.
Description: Themes such as presence and absence, intentionality and constitution, meaning and "being," identity and difference, history and consciousness, practice and power, construction and deconstruction. Philosophers such as Merleau, Husserl, Heidegger, Sartre, Derrida, and Faucault.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5363 Topics In Metaphysics
Prerequisites: PHIL 3113 or PHIL 3213 or PHIL 4983.
Description: Selected topics that may be approached from an historical or contemporary standpoint, such as idealism, realism, causation, time, universals, personal identity, possibility and free will.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5373 Contemporary Epistemology
Prerequisites: PHIL 3213 or PHIL 3113 or PHIL 4983.
Description: Recent approaches to the theory of knowledge. Origin and justification of belief and certainty, roles of the senses and the mind, and the nature of truth.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5383 Seminar In American Philosophy
Description: Selected philosophical schools or traditions influential in American thought, such as transcendentalism, pragmatism, or naturalism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5393 German Idealism
Prerequisites: PHIL 3113 or 3213.
Description: Selected major works of post-Kantian German Philosophy, such as the nature of a philosophical system, identity, and self-consciousness.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5423 Topics In Ethical Theory
Prerequisites: PHIL 3413.
Description: Central problems in ethical theory, such as ethical realism/anti-realism, motivational internalism/externalism, and problems within specific normative systems.Written Description.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5433 Topics In Philosophy Of Law
Prerequisites: PHIL 3843.
Description: In-depth examination of selected topics in philosophy of law, such as punishment, jurisprudence, and principles of legislation. Seminar format.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5443 Topics In Biomedical Ethics
Prerequisites: PHIL 3833.
Description: In-depth examination of selected topics in biomedical ethics, such as implications of the Human Genome Project, ethics of human reproduction, and research ethics. Emphasis on contemporary philosophical thought. Seminar format.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5453 Topics in Professional Ethics
Description: In-depth study of ethical issues faced by business and engineering professionals (e.g., social effects of advertising, environmental impact of professional practice, product safety and consumer protection, whistleblowing and confidentiality).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5510 Research Topics in Philosophy
Prerequisites: Consent of graduate adviser or department head.
Description: Individual research on topics related to the student's interests and/or thesis topic(s). Offered for variable credit, X=1-3 credit hours, maximum of 10 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5543 Philosophy Of Language
Prerequisites: PHIL 5003 or consent of instructor.
Description: A survey of the development of the philosophy of language, including works of philosophers such as Frege, Wittgenstein, Russell, Strawson, Searle, Donnellan, Grice, and Kripke. May not be used for degree credit with PHIL 4543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5553 Contemporary Ethical Theory
Prerequisites: PHIL 3413 or consent of instructor.
Description: Debate in ethical theory since Moore. The naturalistic fallacy, intuitionism, and value realism. May not be used for degree credit with PHIL 4553.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5610 Philosophical Issues in Education
Description: Contemporary issues in educational theory and practice. The relation of education to political thought, religion, public law and culture. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5910 Research Problems in Philosophy
Prerequisites: Consent of instructor and department head.
Description: Individual or group research on specific philosophical problems. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Philosophy

PHIL 5943 Indian Philosophy
Prerequisites: PHIL 3943 or consent of instructor.
Description: Study of texts and themes in two main traditions of Indian Philosophy: Hinduism and Buddhism. How these schools present the fundamental nature and knowledge of reality, human existence, the divine, and enlightenment. May not be used for degree credit with PHIL 4943.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5953 East Asian Philosophy
Prerequisites: PHIL 3943 or consent of instructor.
Description: Study of texts and themes in the Chinese and Japanese traditions: Confucianism, Daoism and Zen. How these schools present the fundamental nature and knowledge of reality, human existence, community and enlightenment. May not be used for degree credit with PHIL 4953.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

PHIL 5983 Knowledge and Reality
Prerequisites: 12 credit hours of philosophy.
Description: This course surveys topics in epistemology, a branch of philosophy that asks the following types of questions. What can we know? How do we come to know it? What value does knowing have for our lives? We will also survey questions in metaphysics, a branch of philosophy that explores the nature of reality. For example, are properties like redness just as real as things like tables and chairs? What is a person? What does contemporary science say about what the world is made up of? May not be used for degree credit with PHIL 4983.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Philosophy

REL 1103 Introduction to World Religions (GH)
Description: Major world religions such as Hinduism, Buddhism, Judaism, Christianity and Islam with a view to understanding the general nature of religion and its various dimensions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 2013 The Old Testament and its Study (H)
Description: A study of the Old Testament with emphasis upon content, historical background, the history of its study and the critical analysis and interpretation of selected passages. Previously offered as REL 3013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2023 The New Testament and Its Study (H)
Description: A study of the writings of the New Testament in their historical contexts and the methods used in their study. Emphasis interpreting selected New Testament passages. Previously offered as REL 3023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2113 Religion in Film (H)
Description: This course will examine how religious beliefs, practices, experiences and communities have been portrayed in film. Students will explore how film has used allegory, symbolism and other tropes to represent different religious traditions and their systems of beliefs.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2213 Ghosts, Gods, and Monsters (H)
Description: Ghosts, Gods and Monsters all have something in common. They are not just an element of a given culture, but is a cipher for, or boundary markers for what is sacred and profane, monstrous and heroic, or life and death. And while all three can be found across history (depending on the lens used), how they are understood and what purposes they serve, changes depending on the time and place.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2313 Religious Violence, Wild Weather, and Ancient Prophecy (H)
Description: This course will introduce students to religions that were in existence during ancient times. The course will focus on religions that have had an impact on cultures that may now be extinct as well as religions that developed into modern systems of belief. Students will read primary sources indigenous to these religions. We will explore aspects of religions that include violence, weather phenomena and mythology and prophetic ideas.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2413 Religion and the Body: Sports, Medicine and Sexuality (H)
Description: This course will explore the role of religious beliefs and practices as they relate to sports, medicine and sexuality. Topics will include the cultural influence of religion on sports, religiously-informed debates within the field of medicine, and conceptions of sexuality and gender from the perspective of various Eastern and Western religious traditions. More generally, this course will explore how different world religions view the human body.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2593 Mystics & Skeptics (H)
Description: This course will explore the complex relationship between mysticism, skepticism, and philosophy. Our exploration of these themes will take us into some classic epistemological problems regarding the limits of reason, and the implications of these limitations for religious faith. Other topics include: theological predication, the problem of divine hiddenness, and religious diversity. Same course as PHIL 2593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2743 Religious Perspectives on Food and Agriculture (H)
Description: The goal of this course is to understand the interconnected history of agriculture, food, and religion. We will explore related ancient religions and mythologies, the pastoral roots of many world religions, dietary rules in different religions, as well as contemporary ethical issues as seen through the lens of religion. Previously offered as REL 3743.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 2890 Honors Experience in Religious Studies
Prerequisites: Honors Program participation and concurrent enrollment in REL 1103.
Description: A supplemental Honors experience in Religious Studies to partner concurrently with Religious Studies course REL 1103, Introduction to World Religions. This course adds a different intellectual dimension to the designated course (REL 1103). Offered for a fixed, 1 credit hour. The content and theme of this 1 credit course will vary from one instructor to another but will enrich the content of REL 1103 classes.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

REL 3113 Asian Religions (GH)
Description: This course will examine the diverse histories, beliefs, and practices of major Asian religious traditions: Hinduism, Buddhism, Confucianism, Daoism, Shintoism, Shamanism, and modern-day religions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 3213 Judaism: History, Culture and Beliefs (H)
Description: This course will explore the development of Judaism beginning with its roots in Ancient Israelite religion, the early biblical tradition, and moving through Assyrian and Babylonian conquests, Diaspora, Hellenistic occupation, Roman occupation, Byzantium, the Middle Ages, the Holocaust, the establishment of the state of Israel, up to present day.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3223 Jesus: Teachings, History and Interpretation (H)
Description: This course will examine the teaching of Jesus, the historical context of the first century, and how Jesus' life and teachings have been interpreted through history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3243 Origins of the Christian Church (H)
Description: This course will examine the letters of Paul in their historical context, focusing especially on the early Christian communities that were their audience, and how these letters helped shape beliefs and practices before Constantine made Christianity the official religion of Rome.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3313 Islam: History, Culture and Beliefs (GH)
Description: This course will examine the history, culture and beliefs of Islam, from its seventh century origins to modern times.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 3413 The Bible and Contemporary Social Issues (H)
Description: This course addresses contemporary social issues through critical engagement with Christian textual and practical traditions. We will critically analyze how various biblical passages influence public discourse, political activity, and personal moral choices on current issues.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3423 Classic Christian Writings (H)
Description: A study of the primary source material from representative Christian authors scattered throughout two thousand years of church history, focusing on understanding the backgrounds from which the writings emerged, and grasping the writers' key ideas. Course previously offered as REL 4413.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3513 Religious Experience (H)
Description: This course will explore the nature of religious experience and what role it plays within different traditions. Modes of religious experience to be explored range from meditation and prayer to conversion experiences and mystical states of consciousness.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3523 Gender and Religion Across Cultures (H)
Description: This course explores the interconnectedness of gender, religion.and culture both locally and globally. We will critically analyze how religious ideas, events, texts and traditions inform individual identities, gender discourse, gender roles, as well as issues of power, privilege and oppression within different religious communities around the world. Same course as GWST 3523 and GEOG 3523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3543 Religion, Race and Social Justice (DH)
Description: This course examines the role of religion in the history and understanding of race, as well as how religion has been leveraged in relation to challenges of social justice.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

REL 3573 The Religions of Native Americans (DH)
Description: Selected tribal worldviews, belief systems and religious ceremonies as depicted in oral traditions, songs, and literature. Emphasis on Northern and Southern Plains Indians.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

REL 3613 Global Christianity (GH)
Description: This course examines the varied expressions of the Christian tradition across the world, including Africa, Asia, Europe, the Pacific, the Caribbean, and the Americas. While there are points of continuity within and across Christian communities, we focus our attention on its contemporary international diversity, as communities across the globe interpret and practice the Christian faith as shaped by their varied geographical, historical, social, political, economic and cultural contexts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 3623 Magic, Witchcraft, and the Occult (H)
Description: This course will examine the historical and cultural contexts that have shaped various portrayals of magic and witchcraft. We will consider how the supernatural worldviews underlying these portrayals related to both more traditional religious worldviews as well as the ways in which representations of the supernatural serve as vehicles for a culture's hopes and fears.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3643 Cults, Conspiracies, and Contemporary Religious Movements (H)
Description: This course will examine recent religiously-themed cults and conspiracy theories as well as various new Christian and Non-Christian religious movements in North America, focusing on those that tend to be seen as outside mainline traditions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 3713 Religion, Culture and Society
Prerequisites: REL 1103, ANTH 2353, SOC 1113.
Description: An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as SOC 3713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

REL 4033 Religion in Early America (H)
Description: A study of religious life and its history in early America, beginning with its earliest European settlers, Native Americans, and continuing through the 1800s. Same course as HIST 4633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 4050 Studies in Religion
Description: Independent studies, seminars and courses on selected topics in religion. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Philosophy

REL 4113 The World of Islam: Cultural Perspectives (GH)
Description: The cultural heritage of the world of Islam explored through its expression in the art, architecture, and literature of the Muslim peoples.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 4213 Understanding Global Islam (GH)
Description: A study of the history of Islam starting from Prophet Muhammad to the spread of the Islamic Empire. How Islam moved from Arabia to the world. Introduction to the Islamic divisions, where they are now, why they are similar and different in terms of laws, schools, countries, literature, sciences, Arabic script, the Shia, the Sunna, and different Islamic countries' practices. Also, debatable issues on Muslim women in American and other countries and why those are different from others.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 4223 Religion and Conflict in the Middle East (GH)
Description: This course will explore the religions of the Middle East, focusing on how they have shaped the region's recent history.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures, International Dimension

REL 4330 Seminar in Biblical Studies
Prerequisites: Two courses in Biblical studies.
Description: Selected topics in the academic study of the Bible. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Philosophy

REL 4423 Death and the Afterlife (H)
Description: This course will explore and critically analyze the varying perspectives on death and the afterlife as seen across world religions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 4513 Literary Art in the Bible
Description: This course will explore literary devices (foreshadowing, allegory, symbolism, etc) and how they are implemented in biblical texts, The Bible will be the primary focus, but comparative texts will be used to build an understanding and recognition of literary devices. We will examine the texts and their history on their own terms, rather than promote a particular religious or non-religious viewpoint. Same course as ENGL 4513.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

REL 4613 Women in the Bible (H)
Description: This course will examine the stories about and portrayals of women in the Bible. We will explore what the biblical authors have to say about women within their cultural contexts and how these portrayals have shaped how women are seen in Western society. By analyzing the portrayals of women in antiquity, the course will also provide conceptual tools to help students examine how gender has been understood in Western society. Same course as GWST 4613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 4723 Jerusalem: City and Symbol Across Millennia
Description: This course explores the history of Jerusalem as a city from the earliest records of its existence in the Ancient Near East to current events, as well as the meanings attached to Jerusalem as a symbol by Jews, Christians, and Muslims living around the world, from ancient scriptures to contemporary America. Same course as HIST 4723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy

REL 4753 Muslim-Christian Relations (H)
Description: Exploration of commonalities and differences between Christianity and Islam, and the history of cooperation and conflict between Muslims and Christians, from Arabia in Muhammad's time to worldwide in the twenty-first century. Themes include mutual understanding and misunderstanding, conversion, rulers and subjects, discrimination, and dialogue. Same course as HIST 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

REL 4923 Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)
Description: This course will examine the various portrayals of the Apocalypse from many religious and folklore traditions around the world. This course will also explore various contemporary portrayals of the Apocalypse ranging from malevolent emergent artificial intelligence to the zombie virus.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Philosophy
General Education and other Course Attributes: Human Heritage & Cultures

Undergraduate Programs

- Philosophy, BA (p. 1781)
- Philosophy: Ethics and Business Essentials, BA (p. 1784)
- Philosophy: Ethics and Public Policy, BA (p. 1787)
- Philosophy: Pre-Law, BA (p. 1790)
- Philosophy: Pre-Ministry, BA (p. 1792)

Graduate Programs

The Department of Philosophy offers a Master of Arts degree in philosophy. Consult the "Master's Degree Programs" section of the "Graduate College" in the Catalog for general regulations and requirements relating to admission.

The Master of Arts degree in philosophy offers a broad-based curriculum designed to serve the interests of two kinds of students:

1. Professional Emphasis: for students who wish to pursue their study of philosophy as a supplement to preparation in a wide variety of professions including business, law, government, the health professions, the ministry, or counseling. Students interested in the professional emphasis have the opportunity to choose from a wide variety of courses that support their career plans (biomedical ethics, business ethics, philosophy of law, philosophy of religion, and cognate courses in other disciplines).
2. PhD Emphasis: for students who wish to pursue their study of philosophy as a preparation for PhD studies in philosophy at another institution. Students interested in the PhD emphasis have the opportunity to enhance their understanding of the history of philosophy, logic, and metaphysics and epistemology.

Students in both of these emphases are able to compete for teaching assistantships and may teach either Critical Thinking or Introductory Moral/Social Problems courses.

Prerequisites for admission to the program are 24 semester credit hours (at least 18 at the upper-division level) in philosophy including courses in the history of ancient philosophy (PHIL 3113 Ancient Greek Philosophy (H) or equivalent), the history of 17th and 18th century philosophy (PHIL 3213 Philosophy in the Age of Enlightenment (H) or equivalents) and a course in logic (PHIL 3003 Symbolic Logic (Q) or equivalent). Students without these prerequisites, but otherwise admissible, may be granted "qualified" or "provisional" status until the prerequisites are satisfied.

The Master of Arts degree in Philosophy may be earned through any of three options:

1. Thesis option (twenty-four credit hours of course work plus six credit hours of research in which a thesis is written);
2. Report option (thirty credit hours of course work plus two credit hours of research in which a report is written);
3. Creative Component option (thirty-two credit hours of coursework including a creative component).

Students will prepare a plan of study under the guidance of their graduate advisor. Each student is supervised by a three-person advisory committee appointed for, and in consultation with, the student.

A student may also, in accordance with the policies of the Graduate College, select a graduate minor in connection with the master's degree in philosophy, thus permitting a concentration of work in broad areas such as social thought or cognitive science.

Students pursuing a master's or doctor's degree in another field may elect philosophy as a graduate minor. Selected courses and seminars in philosophy can broaden and complement work in such areas as economics, education, engineering, English, history, psychology and sociology.

Minors

- Ethics (ETHC), Minor (p. 1777)
- Philosophy (PHIL), Minor (p. 1780)
- Religious Studies (REL), Minor (p. 1795)
- The Art and Science of Critical Thinking (ASCT), Minor (p. 1796)

Certificates

- Ethics, UCRT (p. 1778)
- General Education Ethics and Society, UCRT (p. 1779)
- The Art and Science of Critical Thinking, UCRT (p. 1797)

Trails

- General Education Ethics and Society, UCRT (p. 1779)

Faculty

Shannon Spaulding, PhD—Professor and Department Head
Professors: Eric H. Reitan, PhD; Shannon Spaulding, PhD
Associate Professors: Haridas Heitz, PhD; Apple Z. Igrek, PhD; Doren A. Recker, PhD
Assistant Professors: Joanna Lawson, PhD; Chris Blake-Turner, PhD; Jin Kim, PhD; Richard Neels, PhD; Heather Stewart, PhD
Teaching Associate Professors: Christopher Drohan, PhD; Justin Rice, MA
Teaching Assistant Professors: Glen Fairen, PhD; Lawrence Ware, MA
Teaching Instructors: Jessica Doyle, MA

Ethics (ETHC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Contact: Sarah Mutschelknaus,101B SSH, 405-744-8197

Minimum GPA: 2.50
Total Hours: 15

Code	Title	Hours
PHIL 1113	Introduction To Philosophy (H)	3
or PHIL 1213	Philosophies of Life (H)	
PHIL 3413	Ethical Theory (H) (or a 3-credit hour upper-division PHIL course approved by advisor)	3
Select 9 credit hours from the following:		9
PHIL 1213	Philosophies of Life (H)	
or PHIL 1113	Introduction To Philosophy (H)	
PHIL 2003	Local Issues and Ethical Controversies (H)	
PHIL 2513	Philosophy, Self, & Society (H)	
PHIL 2573	Drugs, Philosophy & Society (H)	
PHIL 3433	Happiness & Well-being (H)	
PHIL 3513	Social & Political Philosophy (H)	
PHIL 3553	Philosophy of Dreams (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Jr., Malcolm X, & Philosophy of Race (DH)	
PHIL 3703	Ethics & Animals (H)	
PHIL 3733	Environmental Ethics (H)	
PHIL 3773	Social Media & Philosophy (H)	
PHIL 3783	Ethics of Artificial Intelligence (H)	
PHIL 3803	Business Ethics (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 3913	Existentialism (H)	
PHIL 3943	Asian Philosophy (HI)	
PHIL 4013	Perspectives on Death and Dying (H)	
PHIL 4553	Contemporary Ethical Theory	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4890	Internship in Philosophy (with Consent of Advisor)	
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Ethics, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 16

Code	Title	Hours
Required Courses		
PHIL 1213	Philosophies of Life (H)	3
or PHIL 1113	Introduction To Philosophy (H)	
PHIL 3413	Ethical Theory (H)	3
Select 10 hours from the following:		10
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2003	Local Issues and Ethical Controversies (H)	
PHIL 2513	Philosophy, Self, & Society (H)	
PHIL 2573	Drugs, Philosophy & Society (H)	
PHIL 3433	Happiness & Well-being (H)	
PHIL 3513	Social & Political Philosophy (H)	
PHIL 3553	Philosophy of Dreams (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3633	MLK, Jr., Malcolm X, & Philosophy of Race (DH)	
PHIL 3703	Ethics & Animals (H)	
PHIL 3733	Environmental Ethics (H)	
PHIL 3773	Social Media & Philosophy (H)	
PHIL 3783	Ethics of Artificial Intelligence (H)	
PHIL 3803	Ethics, Society, and Business (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 3913	Existentialism (H)	
PHIL 3943	Asian Philosophy (GH)	
PHIL 4013	Perspectives on Death and Dying (H)	
PHIL 4553	Contemporary Ethical Theory	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4890	Internship in Philosophy	
Total Hours		**16**

General Education Ethics and Society, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 18

Code	Title	Hours
15 or more hours encompassing at least 3 different General Education designated courses plus any (Q) designated MATH or STAT course or Composition I (ENGL 1113 or ENGL 1313)		
Trailhead Course		
Choose one of the following:		3
PHIL 2413	Global Ethics (GH)	
POLS 2313	Social Justice Politics (D)	
SOC 2123	Social Problems (DS)	
Subtotal		**3**
Central Trail Courses		
Choose at least 9 credit hours from at least 2 pools of General Education designated courses		9
(D) Designated Courses		
GWST 2123	Introduction to Gender Studies (DH)	
HLTH 3113	Health Issues in Diverse Populations (D)	
MC 1143	Media in a Diverse Society (DS)	
MKTG 4443	Social Issues in the Marketing Environment (D)	
POLS 2313	Social Justice Politics (D)	
(G) Designated Courses		
ANTH 3353	Cultural Anthropology (GS)	
HLTH 3211	International Comparative Health (G)	
HONR 3023	Contemporary Cultures of the Western World: Honors (GH)	
PHIL 2413	Global Ethics (GH)	
(H) Designated Courses		
AFAM 1113	Introduction to Africana Studies (DH)	
AFAM 2523	Black Political Thought (DH)	
HIST 3863	Disability in America (DH)	
or AMST 3863	Disability in America (DH)	
PHIL 1213	Philosophies of Life (H)	
PHIL 3883	Gender, Race, and Class in Healthcare (DH)	
REL 3543	Religion, Race and Social Justice (DH)	
(S) Designated Courses		
AGLE 2303	Agricultural Leaders in Society (S)	
AGLE 2403	Agricultural Leadership in a Multicultural Society (DS)	
DIVR 2003	Inclusion Leadership (DS)	
ECON 1113	The Economics of Social Issues (S)	
SOC 2123	Social Problems (DS)	
SOC 3133	Racial and Ethnic Relations (DS)	
Subtotal		**9**
(Q) Designated Course or Composition I		
Any (Q) Designated MATH or STAT course or ENGL 1113 or ENGL 1313		3
Subtotal		**3**
Summit Course/Experience		
Choose one of the following:		3
AGLE 3803	Global Leadership in Agriculture (G)	
MGMT 4213	The Fair Workplace (D)	
POLS 4333	Improving Democracy (S)	
SOC 4383	Social Stratification (S)	
Subtotal		**3**
Total Hours		**18**

Philosophy (PHIL), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Contact: Sarah Mutschelknaus,101B MUR, 405-744-8197

Minimum Grade Point Average in Minor Coursework: 2.50
Total Hours: 18 hours of PHIL

Other Requirements

- 12 hours must be upper-division.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Philosophy, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Social & Behavioral Sciences (S)		
Exploring Society & Human Behavior (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F)		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 4881	Course PHIL 4881 Not Found (course under review)	1
Select 33 additional hours of PHIL courses (18 hours must be upper-division)		33
Hours Subtotal		**37**
Electives		**21**
Select 21 hours		21
Hours Subtotal		**21**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Upper-Division Credit: Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department

(https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
PHIL 3213	Philosophy in the Age of Enlightenment (H)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
PHIL 3313	19th to 21st Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
	Hours	**15**
Senior		
Fall		
PHIL 3003	Symbolic Logic (Q)	3
Major, College, and Elective courses		12
	Hours	**15**

Spring	
Major, College, and Elective courses	15
Hours	**15**
Total Hours	**120**

Philosophy: Ethics and Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher, not MATH 1493)	3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
PHIL 2013	Philosophical Classics (H)	3
or PHIL 1113	Introduction To Philosophy (H)	
or PHIL 1213	Philosophies of Life (H)	
3 hours designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
MGMT 3013	Fundamentals of Management (S) [1]	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See Note 2.a.)		9
Natural & Mathematics Sciences		
(See Note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course. (See note 2.d.)		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.		
Core		
6 hours from:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	Philosophy in the Age of Enlightenment (H)	
PHIL 3313	19th to 21st Century Philosophy (H)	
PHIL 3003	Symbolic Logic (Q)	3
PHIL 3413	Ethical Theory (H)	3
PHIL 3803	Ethics, Society, and Business (H)	3
Select a minimum of 13 additional hours in PHIL courses up to 6 hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses.		13
Business Essentials		
ACCT 2003	Survey of Accounting	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
9 hours upper-division related courses from the following:		9
AMST 3823	U.S. as Business Culture (DH)	
BCOM 3113	Written Communication	
ECON 3213	Game Theory and Experimental Economics	
ECON 3823	American Economy: The Past and Present (S)	
LSB 3213	Legal and Regulatory Environment of Business	
MGMT 3133	Developing Leadership Skills	
MGMT 4073	Management and Ethical Leadership	
MGMT 4513	Strategic Management	
MGMT 4533	Leadership Dynamics	
MKTG 3323	Consumer and Market Behavior	
MKTG 4443	Social Issues in the Marketing Environment (D)	
SPCH 3723	Business and Professional Communication	
Hours Subtotal		**46**

Electives	
12 hours of electives	12
Hours Subtotal	**12**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3

PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
PHIL 3213	Philosophy in the Age of Enlightenment (H)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
PHIL 3313	19th to 21st Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
	Hours	**15**
Senior		
Fall		
PHIL 3003	Symbolic Logic (Q)	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Philosophy: Ethics and Public Policy, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher excluding MATH 1493) [1]	3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
PHIL 2013	Philosophical Classics (H)	3
or PHIL 1113	Introduction To Philosophy (H)	
or PHIL 1213	Philosophies of Life (H)	
and 3 hours designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See Note 2.a.)		9
Natural & Mathematics Sciences		
(See Note 2.b.)		3
Foreign Language		
(See note 3.)		9
Non-Western Studies		
At least one course. (See note 2.d.)		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50.		
Core:		
6 hours from:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	Philosophy in the Age of Enlightenment (H)	
PHIL 3313	19th to 21st Century Philosophy (H)	
PHIL 3413	Ethical Theory (H)	3
PHIL 3843	Philosophy of Law (H)	3
Select a minimum of 16 hours of additional hours of PHIL. Up to 6 hours may be 2000-level. 10 hours must be upper-division.		16
Ethics and Public Policy:		
Select 15 hours upper-division courses from:		15
POLS, GEOG, or GWST		
SPCH 3733	Elements of Persuasion (S)	
SOC 3423	Urban Sociology	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4533	World Population Problems	
or others with consent of advisor.		
Hours Subtotal		**43**
Electives		
Select 15 hours.		15
Hours Subtotal		**15**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3

General Education courses		6
	Hours	**15**
Spring		
PHIL 3213	Philosophy in the Age of Enlightenment (H)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
PHIL 3313	19th to 21st Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
PHIL 3843	Philosophy of Law (H)	3
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		11
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Philosophy: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00. Minimum GPA in all Philosophy courses 2.50		
Core		
Select 6 hours of the following:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	Philosophy in the Age of Enlightenment (H)	
PHIL 3313	19th to 21st Century Philosophy (H)	
PHIL 3003	Symbolic Logic (Q)	3
PHIL 3843	Philosophy of Law (H)	3
Select a minimum of 16 additional hours in PHIL: up to six hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses. [1]		16
Select 15 hours upper-division related courses from the following: [1]		15
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
BCOM 3113	Written Communication	
ECON 3313	Money and Banking	
ECON 3423	Public Finance	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
FIN 3113	Principles of Finance	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 4123	Cybersecurity Systems Management	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
Hours Subtotal		**43**
Electives		

Select 15 hours [1]	15
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper-division hours	
Hours Subtotal	**15**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
	Hours	**16**
Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
PHIL 3213	Philosophy in the Age of Enlightenment (H)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
PHIL 3313	19th to 21st Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
PHIL 3003	Symbolic Logic (Q)	3
Major, College, and Elective courses		14
	Hours	**17**
Senior		
Fall		
Major, College, and Elective courses		12
	Hours	**12**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Philosophy: Pre-Ministry, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Select one of the following:		3
PHIL 1113	Introduction To Philosophy (H)	
PHIL 1213	Philosophies of Life (H)	
PHIL 2013	Philosophical Classics (H)	
Courses designated (H)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other first-year seminar course)	1
Arts & Humanities		
REL 1103	Introduction to World Religions (GH)	3
REL 2013	The Old Testament and its Study (H)	3
or REL 2023	The New Testament and Its Study (H)	
Select 3 additional hours of Arts & Humanities		3
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00. Minimum GPA in all PHIL and REL courses 2.50		
Core		
Select 6 hours of the following:		6
PHIL 3113	Ancient Greek Philosophy (H)	
PHIL 3213	Philosophy in the Age of Enlightenment (H)	
PHIL 3313	19th to 21st Century Philosophy (H)	
PHIL 3003	Symbolic Logic (Q)	3
PHIL 3413	Ethical Theory (H)	3
PHIL 3613	Philosophy of Religion (H)	3
Select a minimum of 13 additional hours in PHIL: up to six hours in 2000-level PHIL courses and the remainder in upper-division PHIL courses.		13
CPSY 3003	Introduction to Counseling and Related Professions	3
Select 12 hours of upper-division REL courses, with at least 3 hours from Non-Western Religious Studies		12
Hours Subtotal		**43**
Electives		
Select 15 hours		15
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Suggested courses:		
CPSY 3013	Introduction to Helping Skills	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
or PSYC 3443	Psychopathology (S)	
or PSYC 4163	Psychology of Prejudice and Discrimination (D)	
or PSYC 4213	Conflict Resolution (S)	
or PSYC 4283	Health Psychology	
Hours Subtotal		**15**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
ENGL 1113 or ENGL 1313	Composition I or Critical Analysis and Writing I	3
PHIL 1113 or PHIL 2013 or PHIL 1213	Introduction To Philosophy (H) or Philosophical Classics (H) or Philosophies of Life (H)	3
1713 First Semester Foreign Language		3
General Education courses		5
	Hours	**14**
Spring		
ENGL 1213 or ENGL 1413	Composition II or Critical Analysis and Writing II	3
1813 Second Semester Foreign Language		3
General Education courses		10
	Hours	**16**

Sophomore		
Fall		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 3113	Ancient Greek Philosophy (H)	3
2000-level Foreign Language		3
General Education courses		6
	Hours	**15**
Spring		
PHIL 3213	Philosophy in the Age of Enlightenment (H)	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
PHIL 3313	19th to 21st Century Philosophy (H)	3
PHIL 3413	Ethical Theory (H)	3
Major, College, and Elective courses		9
	Hours	**15**
Spring		
PHIL 3991	Contemporary Philosophy Research	1
Major, College, and Elective courses		14
	Hours	**15**
Senior		
Fall		
PHIL 3003	Symbolic Logic (Q)	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Religious Studies (REL), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50
Total Hours: 18

Awarding of the Religious Studies minor is subject to course availability.

Code	Title	Hours
Minor Requirements		
Select 6 hours from the following:		6
REL 1103	Introduction to World Religions (GH)	
REL 2013	The Old Testament and its Study (H)	
REL 2023	The New Testament and Its Study (H)	
REL 2113	Religion in Film (H)	
REL 2213	Ghosts, Gods, and Monsters (H)	
REL 2313	Religious Violence, Wild Weather, and Ancient Prophecy (H)	
REL 2413	Religion and the Body: Sports, Medicine and Sexuality (H)	
REL 2593	Mystics & Skeptics (H)	
REL 2743	Religious Perspectives on Food and Agriculture (H)	
HIST 2343	Religion in America (DH)	
Select 12 hours from the following course options; at least 9 hours of REL coursework and up to 3 hours from the following course options with ART, ENGL, HIST, PHIL, or SOC course prefixes:		12
REL 3113	Asian Religions (GH)	
REL 3213	Judaism: History, Culture and Beliefs (H)	
REL 3223	Jesus: Teachings, History and Interpretation (H)	
REL 3243	Origins of the Christian Church (H)	
REL 3313	Islam: History, Culture and Beliefs (GH)	
REL 3413	The Bible and Contemporary Social Issues (H)	
REL 3423	Classic Christian Writings (H)	
REL 3513	Religious Experience (H)	
REL 3523	Gender and Religion Across Cultures (H)	
REL 3543	Religion, Race and Social Justice (DH)	
REL 3573	The Religions of Native Americans (DH)	
REL 3613	Global Christianity (GH)	
REL 3623	Magic, Witchcraft, and the Occult (H)	
REL 3643	Cults, Conspiracies, and Contemporary Religious Movements (H)	
REL 3713	Religion, Culture and Society	
REL 4033	Religion in Early America (H)	
REL 4050	Studies in Religion	
REL 4113	The World of Islam: Cultural Perspectives (GH)	
REL 4213	Understanding Global Islam (GH)	
REL 4223	Religion and Conflict in the Middle East (GH)	
REL 4330	Seminar in Biblical Studies	
REL 4423	Death and the Afterlife (H)	
REL 4513	Literary Art in the Bible	
REL 4613	Women in the Bible (H)	
REL 4753	Muslim-Christian Relations (H)	
REL 4923	Visions of Apocalypse: Portrayals of the End-Time in World Religions (H)	
ART 3713	Early Medieval Art: Saints, Martyrs, Pagans (H)	
ART 3723	Court and Cloister: Medieval Art 1050-1400 (H)	
ART 4713	The Visual Culture of the Islamic World (GH)	
ENGL 3123	Mythology (H)	
ENGL 3183	Native American Literature (DH)	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3363	Popular Religion in the West, 1300-1700 (H)	
HIST 3483	Reformation Europe, 1517-1648 (H)	
HIST 3503	Medieval Islamic History (H)	
HIST 3953	Earthly Powers: Politics and Religion in Modern Europe	
HIST 4403	Sorcerers, Saints and Heretics: Religion in the Medieval World (H)	
HIST 4723	Jerusalem: City and Symbol Across Millennia (H)	
PHIL 3523	Medieval Philosophy (H)	
PHIL 3613	Philosophy of Religion (H)	
PHIL 3943	Eastern Philosophy (GH)	
PHIL 4943	Indian Philosophy	
PHIL 4953	East Asian Philosophy	
SOC 3713	Religion, Culture and Society	
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

The Art and Science of Critical Thinking (ASCT), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50
Total Hours: 18

Code	Title	Hours
Minor Requirements		
PHIL 1313	Logic and Critical Thinking (A)	3
PHIL 2313	Asking the Right Questions (A)	3
Select 12 hours of the following, 6 hours must be PHIL:		12
PHIL 3003	Symbolic Logic (A)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3743	Science and Human Values (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 3933	Creation and Evolution	
PHIL 4003	Mathematical Logic and Computability	
PHIL 4713	Philosophy of Science (H)	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4733	Philosophy of Biology (H)	
AFAM 4543	Race Theory	
AGEC 3023	Farm to Fork	
AGEC 3703	Issues in Agricultural Policy	
AGLE 3403	Facilitating Social Change in Agriculture	
ECON 3023	Managerial Economics	
ECON 3213	Game Theory and Experimental Economics	
ECON 3703	Introduction to Mathematical Economics	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
ENGL 4033	Discourse Analysis	
ENVR 4573	Ethical Issues in Agriculture and the Environment	
EPSY 3063	Critical Thinking, Problem Solving, and Creative Processes	
FDSC 4243	Researching Consumer Food Preferences	
GWST 4113	Feminist Theories	
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	
HIST 3903	Introduction to the Study of History	
HLTH 3643	Health Behavior Theory	
HTM 3783	Diversity, Equity, and Inclusion in Hospitality & Tourism (D)	
MSIS 3223	Principles of Data Analytics	
MSIS 3243	Descriptive Analytics	
NREM 3013	Applied Ecology and Conservation	
POLS 3103	Introduction to Political Inquiry	
POLS 4023	Security Analysis and Briefing	
PSYC 3214	Statistical Methods in Psychology	
SOC 3113	Theoretical Thinking in Sociology	
Related courses may be substituted with consent of advisor.		
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

The Art and Science of Critical Thinking, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50
Total Hours: 18

Code	Title	Hours
Minor Requirements		
PHIL 1313	Logic and Critical Thinking (Q)	3
PHIL 2313	Asking the Right Questions (Q)	3
Select 12 hours of the following, 6 hours must be PHIL:		12
PHIL 3003	Symbolic Logic (Q)	
PHIL 3623	Philosophy of Race (DH)	
PHIL 3743	Science and Human Values (H)	
PHIL 3833	Biomedical Ethics (H)	
PHIL 3933	Creation and Evolution	
PHIL 4003	Mathematical Logic and Computability	
PHIL 4713	Philosophy of Science (H)	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4733	Philosophy of Biology (H)	
AFAM 4543	Race Theory	
AGEC 3023	Farm to Fork	
AGEC 3703	Issues in Agricultural Policy	
AGLE 3403	Facilitating Social Change in Agriculture	
ECON 3023	Managerial Economics	
ECON 3213	Game Theory and Experimental Economics	
ECON 3703	Introduction to Mathematical Economics	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
ECON 4233	Econometric Applications	
ENVR 4573	Ethical Issues in Agriculture and the Environment	
EPSY 3063	Critical Thinking, Problem Solving, and Creative Processes	
FDSC 4243	Researching Consumer Food Preferences	
GWST 4113	Feminist Theories	
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	
HIST 3903	Introduction to the Study of History	
HLTH 3643	Health Behavior Theory	
HTM 3783	Diversity, Equity, and Inclusion in Hospitality & Tourism (D)	
MSIS 3223	Principles of Data Analytics	
MSIS 3243	Descriptive Analytics	
NREM 3013	Applied Ecology and Conservation	
POLS 3103	Introduction to Political Inquiry	
POLS 4023	Intelligence and Security Analysis	
PSYC 3214	Statistical Methods in Psychology	
SOC 3113	Theoretical Thinking in Sociology	
Related courses may be substituted with consent of advisor.		
Total Hours:		**18**

Physics

Physics is the science of matter, energy and their interactions. Physics majors learn the fundamental laws governing the natural world, and in so doing develop critical skills of observation and quantitative analysis in both experimental and theoretical settings. Because those skills are increasingly valued in diverse fields in today's technological society, persons trained in physics are found not only in science, but also in fields where analytical skills are vital to success, such as finance, medicine, law and engineering.

The Department of Physics offers three different degree options for students. First, the "BS in Physics" degree is designed for students who seek a broad, comprehensive study of the set of traditional as well as contemporary topics which together comprise the subject of physics, and who ultimately may be interested in obtaining master's and/or doctoral degrees and becoming professional physicists or astronomers. In contrast, the "BS in Applied Physics" degree concentration has been developed for students who wish to combine studies in physics with studies in other areas such as engineering, biology and microbiology (including Pre-Med requirements), geology, business, computer science, mathematics, or perhaps in preparation for graduate degrees in those areas. Our "BS in Physics, Secondary Teacher Certification" degree is aimed to provide students with the basic foundation in physics needed to prepare for a professional career in secondary education. Students who complete this degree are fully certified to teach Physics in the state of Oklahoma upon graduation. The Department also encourages students to consider interdisciplinary study opportunities afforded from a double major or minor with physics. The detailed requirements for all degree programs of the Physics Department can be obtained from the department office or its website: https://physics.okstate.edu/.

During their first two years, physics majors learn the laws of mechanics (forces and motion) and electromagnetism which epitomize the work of Newton and Maxwell, among others. At the same time, students develop their mathematical skills through courses in calculus and differential equations.

During their last two years, physics majors delve into advanced topics including the quantum and relativistic physics of Schroedinger, Einstein and their colleagues. Courses in laboratory and computational methods further develop experimental abilities. Students are also encouraged to work in the department's research labs or astronomical observatory. Students pursuing the BS in physics take additional physics courses and do a senior project. Students seeking the BS in applied physics replace the additional physics courses with upper-division courses in their chosen areas.

Please contact Sheri Orr, Sr. Academic Advisor II (sheri.m.orr@okstate.edu), to learn more!

Courses

PHYS 1001 Frontiers of Physics
Prerequisites: Freshmen and sophomore Physics Majors only or consent of instructor.
Description: Student and faculty discussions of current research topics in physics. Includes laboratory tours and research presentation by faculty. Graded on pass-fail basis.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 1014 Descriptive Physics (N)
Description: A survey course presenting the basic concepts and principles of physics with a minimum of mathematics. Motion, waves, temperature, electricity, magnetism, optics, atomic structure, and nuclear energy.
Credit hours: 4
Contact hours: Lecture: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics
General Education and other Course Attributes: Natural Science Reasoning

PHYS 1114 College Physics I (LN)
Prerequisites: Minimum grade of "C" in MATH 1513 or higher.
Description: Algebra-based introductory course covering physics appropriate for applied and life sciences or pre-professional majors. Topics covered - Newtonian mechanics, fluids, thermodynamics, waves, and sound.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 2 Contact: 5 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Physics
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

PHYS 1214 College Physics II (LN)
Prerequisites: PHYS 1114 or PHYS 2014 with a "C" or better or acceptable AP credit.
Description: A continuation of College Physics I for students in the applied-sciences, life-sciences, and pre-professional majors. Covers electricity, magnetism, optics, quantum physics, atomic and nuclear structure.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 2 Contact: 5 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Physics
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

PHYS 2014 University Physics I (LN)
Prerequisites: Minimum grade of "C" in MATH 2103 or MATH 2123 or MATH 2144 or acceptable AP credit.
Description: Calculus-based introductory course that covers mechanics with topics such as linear motion, rotation, oscillation, velocity, acceleration, force, torque, momentum, angular momentum, work, kinetic energy, potential energy, and gravity. Intended for physical science, math and engineering majors.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 2 Contact: 5 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Physics
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

PHYS 2020 Special Topics in Physics (L)
Description: Laboratory exercises for College Physics I, College Physics II, University Physics I or University Physics II. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lab: 2-6 Contact: 2-6
Levels: Undergraduate
Schedule types: Lab
Department/School: Physics
General Education and other Course Attributes: Laboratory-Based Inquiry

PHYS 2114 University Physics II (LN)
Prerequisites: PHYS 2014 with a “C” or better or acceptable AP credit.
Description: A continuation of University Physics I covering electricity, magnetism, and optics for physical sciences, math, and engineering majors.
Credit hours: 4
Contact hours: Lecture: 2 Lab: 2 Contact: 5 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Lab, Lecture, Combined lecture lab & disc
Department/School: Physics
General Education and other Course Attributes: Laboratory-Based Inquiry, Natural Science Reasoning

PHYS 2203 University Physics III
Prerequisites: PHYS 2114 with a grade of “C” or better or acceptable AP credit.
Description: A continuation of PHYS 2114 for all Physics majors. Topics include: heat, special relativity, and atomic and nuclear physics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 2663 Physics in Medicine (N)
Description: Course will introduce important technologies widely used in modern medicine and the basic physics and physiology that underlies them. Examples include EKG machines, ultrasound imaging, laser surgery, x-ray, CT, PET, and MRI. Field trips required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics
General Education and other Course Attributes: Natural Science Reasoning

PHYS 2890 Honors Experience in Physics
Prerequisites: Honors Program participation and concurrent enrollment in designated course(s).
Description: A supplemental Honors experience in Physics to partner concurrently with designated lower division PHYS course(s). This course adds a different intellectual dimension to designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics
General Education and other Course Attributes: Honors Credit

PHYS 3013 Mechanics I
Prerequisites: PHYS 2114 or equivalent, and MATH 2233 or concurrent enrollment.
Description: Mechanics of particles, systems of particles and rigid bodies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 3113 Thermal Physics
Prerequisites: PHYS 2203 and MATH 2163 or concurrent enrollment.
Description: Thermometry, heat transfer, elementary theory of specific heat and the three laws of thermodynamics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 3213 Optics
Prerequisites: PHYS 2114 and PHYS 3513, or consent of the instructor.
Description: Geometrical optics; interference, diffraction, dispersion, absorption, and polarization of light.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 3313 Introduction to Semiconductor Device Physics
Prerequisites: PHYS 2114 or equivalent.
Description: An introduction to crystal structure, the quantum theory of solids, the physics of semiconductor materials and the pn junction, with an emphasis on applications to semiconductor devices. Same course as ECEN 3903.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 3323 Modern Laboratory Methods I
Prerequisites: PHYS 2014, PHYS 2114.
Description: Introduction to electric and electronic measurements and computer applications in experimental control, data collection and laboratory computation. Experiments on test instruments, integrated electronics, signal processing, computer interfacing, and data acquisition. Previously offered as PHYS 3322.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Physics

PHYS 3513 Mathematical Physics
Prerequisites: PHYS 2114 and MATH 2163.
Description: Physical applications of vectors, vector calculus and differential equations. Fourier analysis. Orbit geometry, coordinate systems and transformation of coordinates. Matrices and determinants.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 3553 Foundations of Cancer
Prerequisites: Minimum grade of "C" in CHEM 1225 or CHEM 1414 or CHEM 1515.
Description: Course covers six themes: causes of cancer, cancer genetics, cancer diagnosis, cancer treatment, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers, and to cancer patients or relatives. Same course as MICR 3553. May not be used for degree credit with PHYS 5553 and MICR 5553.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Undergraduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Physics

PHYS 3623 Modern Laboratory Methods II
Prerequisites: PHYS 2014, PHYS 2114.
Description: Introduction to the operating principles and applications of modern physical methods used in research. Laboratory experiments with lasers, wave propagation, thermometry, radiation detection, optical interferometry, and spectroscopy.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Physics

PHYS 3713 Fundamentals of Modern Physics
Prerequisites: PHYS 2203 with minimum grade of “C”.
Description: The topics covered in the course include introduction to basic concepts in atomic physics, statistical mechanics, molecular physics, solid state physics, nuclear physics, and elementary particles.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4003 Computer Simulation Methods in Physics
Prerequisites: PHYS 3013, PHYS 3113, PHYS 3313 or consent of instructor.
Description: Introduction to computer simulation methods used in the physical sciences. Linear systems, nonlinear systems, molecular dynamics, Monte Carlo methods, cellular automata, simple quantum systems. Some knowledge of either C, FORTRAN, Pascal, or BASIC required. Previously offered as PHYS 3993.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4010 Special Problems
Prerequisites: Consent of instructor.
Description: Individual laboratory work of an advanced nature. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Physics

PHYS 4113 Electricity and Magnetism
Prerequisites: PHYS 2114 and MATH 2233, or their equivalents.
Description: Electrostatic fields, magnetic fields of steady currents, induced EMFs, Maxwell's equations and introduction to electromagnetic wave theory. Vector analysis used.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4213 Introduction to Nuclear and Particle Physics
Prerequisites: PHYS 2114 and PHYS 3713 or consent of instructor.
Description: Survey of phenomenological aspects of nuclear and particle physics, photon and charged particle interactions with matter, particle detectors, particle accelerators, electromagnetic, strong and weak interactions, models of the nucleus, quark model of mesons and baryons, elementary particles, and symmetries in the Standard Model.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4223 Introduction to General Relativity
Prerequisites: Minimum grade of "C" in both PHYS 2203 and PHYS 3513 or consent of instructor.
Description: An introduction to Einstein's theory of relativity, including the metric description of spacetime, relativistic kinematics in flat spacetime, coordinate transformations, gravity as curved spacetime, and black holes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4263 Introduction to Solid State Physics
Prerequisites: PHYS 3013, PHYS 3713 or consent of instructor.
Description: Structure, specific heat, dielectric properties, lattice vibrations, free electron theory, band structure, and superconductivity of solids.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4313 Molecular Biophysics
Prerequisites: PHYS 1214 or PHYS 2114.
Description: Survey of experimental and computational methods for determining the structure and function of biomolecular assemblies such as proteins and membranes. Techniques to be discussed include: X-ray diffraction, nuclear and electron spin resonance, optical spectroscopy, photobiophysics, kinetic modeling, molecular dynamics, Monte Carlo and homology modeling.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4413 Modern Physics II
Prerequisites: PHYS 3013 and PHYS 3713.
Description: Atomic and X-ray spectra; one-dimensional Schroedinger equation; nuclear structure; introduction to statistical mechanics and elementary quantum statistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4423 Mechanics II
Prerequisites: PHYS 3013.
Description: Lagrangian and Hamiltonian dynamics, calculus of variations, constrained systems, coupled oscillators, continuous systems and waves.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4503 Quantum Information
Prerequisites: PHYS 3713 Modern Physics.
Description: Quantum information is rapidly becoming one of the most important multidisciplinary fields in physics research. This class will focus on building an understanding of the core concepts behind this emerging area and why it is expected to revolutionize technology in the following decades. Topics will include measurements in quantum mechanics, the EPR paradox, classical and quantum information/computers, and quantum cryptography. May not be used for degree credit with PHYS 5503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4513 Introductory Quantum Mechanics
Prerequisites: PHYS 3713.
Description: Uncertainty principle, setting up Schroedinger equation (time dependent as well as time independent) and solving it for linear oscillator, hydrogen atom, periodic, and other potentials.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4663 Radioactivity and Nuclear Physics
Prerequisites: PHYS 3713 or consent of instructor.
Description: Natural and artificial radioactivity, decay laws; absorption, detection and measurement of radiations; nuclear transformations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4712 Senior Project
Description: Advanced individual experimental projects. Project proposal, formal laboratory report, and oral presentation are required.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Physics

PHYS 4813 Electromagnetic Radiation
Prerequisites: PHYS 4113 with minimum grade of "C."
Description: Electromagnetic wave theory, reflection and refraction of electromagnetic waves; resonant cavities, wave guides, fiber propagation of electromagnetic waves; radiation sources; relativistic description of electromagnetic fields.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics

PHYS 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in physics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Physics
General Education and other Course Attributes: Honors Credit

PHYS 5000 Master's Thesis Research or Report
Prerequisites: Consent of major professor.
Description: Thesis research or report for master's degree. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 5110 Seminar
Prerequisites: Graduate standing in physics.
Description: Special topics in physics. Offered for variable credit, 1-5 credit hours, maximum of 20 credit hours.
Credit hours: 1-5
Contact hours: Contact: 1-5 Other: 1-5
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 5113 Statistical Thermodynamics and Kinetic Theory
Prerequisites: PHYS 3113.
Description: Fundamental concepts of thermodynamics: first, second and third laws; thermodynamic potentials. Statistical physics: Maxwell-Boltzman, Fermi-Dirac, Bose-Einstein distribution functions. Kinetic theory: transport phenomena, Boltzman H Theorem, the approach to thermodynamic equilibrium.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5123 Geometrical Optics
Prerequisites: PHYS 3213 or consent of instructor.
Description: Foundations of geometrical optics, geometrical theory of optical imaging, geometrical theory of aberrations, image forming instruments. Same course as ECEN 5803.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5133 Laser Spectroscopy
Prerequisites: PHYS 5163.
Description: Principles of different types of laser spectroscopy based on fluorescence, absorption, saturated absorption, absorption in a cavity: Infrared, Raman, light scattering, four wave mixing, CARS, phase conjugation, two photon absorption, double resonance, and multiphoton ionization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5163 Lasers
Prerequisites: PHYS 4813 or equivalent.
Description: Semi-classical description of absorption and emission of light by matter; effects of cavities and optical elements; theory of lasers' gas, liquid, solid state and semiconductor. Electro-optics. Techniques of mode-locking, Q-switching, phase conjugation, Fourier transform optics. An introduction to non-linear optics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5213 Statistical Mechanics
Prerequisites: PHYS 5113 and PHYS 5613 or consent of instructor.
Description: Classical and quantum mechanical distribution functions for independent particles; interacting classical and quantum systems, superfluidity, phase transitions and critical phenomena, approximation methods.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5220 Physics Topics for Teachers
Prerequisites: Teaching experience or consent of instructor.
Description: Special topics for elementary and secondary science teachers to improve their subject matter competence. Content varies, depending on the needs of specific groups of teachers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 5263 Particle Physics
Prerequisites: PHYS 5613 or consent of instructor.
Description: Phenomenology of elementary particles: quark model, electromagnetic, weak, and strong interactions of quarks, leptons, and gauge bosons, Feynman diagram techniques, parton model, gauge symmetries, spontaneous symmetry breaking, Standard model, experimental tests.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5303 Physical Optics
Prerequisites: PHYS 3213 or consent of instructor.
Description: Multiple beam interference, diffractions, imaging, near field optical probes of matter, surface plasmons, light scattering from random media, optical coherence tomography - biomedical applications, negative materials, perfect lenses and super resolution. Same course as ECEN 5823.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5313 Electromagnetic Theory
Prerequisites: PHYS 5453.
Description: Electric and magnetic fields in free space and in matter. Boundary value problems, Green's functions, stress tensors, multipole expansions, thermodynamics; electromagnetic waves.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5350 Special Problems
Prerequisites: Graduate standing in physics.
Description: Special problems of experimental or theoretical nature. Largely individual work with written report required. Offered for variable credit, 1-3 credit hours, maximum of 12 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 5413 Classical Mechanics
Prerequisites: PHYS 4423 or consent of instructor.
Description: Generalized coordinates and advanced dynamics; coupled systems, wave motion; theory of elasticity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5453 Mathematical Methods for Physicists
Prerequisites: PHYS 3513.
Description: Introduction to mathematical techniques used in analyzing problems in physics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5503 Frontiers of Quantum Information Science
Description: Quantum information science envelops a broad spectrum of fields including physics, computer science, mathematics, and electrical engineering. This course will explain important milestones achieved in quantum information science and discuss frontier research on building a real-world quantum computer in suitable physical systems, such as superconducting qubits, topological qubits, trapped ions, neutral atoms, and nitrogen vacancy centers. No credit for students with credit in PHYS 4503.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5523 Radiation Detection and Measurement
Prerequisites: PHYS 3713 and PHYS 4213.
Description: Overview of radiation detection and measurement. Instrumentation, statistics of radiation measurements, review of atomic and nuclear physics, review of radiation interaction with matter, nuclear electronics, gas-filled and scintillation detectors, semiconductor detectors, radiation counting and spectroscopy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5533 Dosimetry and Radiation Protection
Prerequisites: PHYS 4663 and PHYS 5523 or consent of instructor.
Description: Radiation dosimetry quantities, effects of ionizing radiation on the human body, basic radiation protection concepts, x-ray and y-ray interaction and attenuation with matter, charged particle and neutron interaction with matter, charged particle equilibria, Bragg-Gray Cavity theory, quantifying dose from radionuclide sources, survey of dosimetric instrumentation, dosimetry with ionization chambers, integrating dosimeters and personal dosimetry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5553 Foundations of Cancer
Prerequisites: Minimum grade of "C" in (or equivalent) or MICR 3033 (or equivalent) or consent of instructor.
Description: Course covers six themes: causes of cancer, cancer genetics, cancer diagnosis, cancer treatment, immuno-oncology, and cancer prevention. Course will illustrate both setbacks and victories in applying the scientific method to biological processes and the evidence for and assumptions made in these approaches will be discussed. Designed for future: medical doctors, cancer researchers, medical engineers, and to cancer patients or relatives. Same course as MICR 5553. May not be used for degree credit with PHYS 3553 or MICR 5553.
Credit hours: 3
Contact hours: Lecture: 2 Contact: 3 Other: 1
Levels: Graduate
Schedule types: Discussion, Combined lecture & discussion, Lecture
Department/School: Physics

PHYS 5563 Radioactivity and Nuclear Physics Laboratory
Prerequisites: PHYS 4663 and PHYS 5523 or consent of instructor.
Description: The primary objective of this course is to provide students with hands-on experience in a range of experimental techniques and with a variety of instrumentation routinely used in radiation detection and dosimetry, nuclear and particle physics, and in radiotherapy and medical imaging. The course content can be thought of as being of two types: 1) general experimental methods in physics and 2) methods of radiation detection and measurement.
Credit hours: 3
Contact hours: Lecture: 1 Lab: 4 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Physics

PHYS 5573 Radiation Biophysics
Prerequisites: PHYS 5533 or consent of instructor.
Description: Introduction to radiation biophysics, structure of DNA and its relationship to carcinogenesis, stochastic nature or radiation interaction with matter, radiation chemistry, cell survival curves, radiation damage models, DNA damage response.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5593 Physics of Radiation Therapy
Prerequisites: PHYS 5533 or consent of instructor.
Description: Overview of radiation therapy, dosimetry in radiation therapy, megavoltage x-ray and electron therapy, manual treatment planning, computer-based treatment planning, brachytherapy, proton therapy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5613 Quantum Mechanics I
Prerequisites: PHYS 5453.
Description: Postulates of quantum mechanics. Operators, commutation relations, eigenfunctions. Schroedinger, Heisenberg and interaction formalisms, angular momentum and central field problems; nondegenerate perturbation theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5663 Solid State Physics I
Prerequisites: PHYS 4513.
Description: Crystal structure, cohesive energy of ionic crystals and metals, specific heats, free electron theory of metals, band theory, Brillouin zones, insulators and alloys; magnetic properties, optical properties and thermal and electrical conductivity of solids.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5713 Solid State Physics II
Prerequisites: PHYS 5663 or equivalent.
Description: Symmetry, dielectric properties, ferroelectrics, magnetic properties, mechanical properties, and defects of solids.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5813 General Relativity
Prerequisites: PHYS 5453 or consent of instructor.
Description: Theory and applications of general relativity: the principle of equivalence, general coordinate invariance, tensors, affine connections, Einstein's field equations, classic tests, application to stellar dynamics, black holes, and cosmology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 5960 Problems in Chemical Physics
Prerequisites: Consent of instructor.
Description: Intermolecular forces, interaction of radiation with matter in bulk form, dielectric properties of matter, polymer physics and quantum theory of biopolymers. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.
Credit hours: 3-6
Contact hours: Contact: 3-6 Other: 3-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 6000 Doctoral Dissertation Research
Prerequisites: Admission to candidacy and permission of major professor.
Description: Offered for variable credit, 1-15 credit hours, maximum of 60 credit hours.
Credit hours: 1-15
Contact hours: Contact: 1-15 Other: 1-15
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 6010 Advanced Graduate Seminar
Prerequisites: Consent of instructor.
Description: Special topics of an advanced nature in physics. Offered for variable credit, 1-3 credit hours, maximum of 15 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 6113 Advanced Theory of Solids
Prerequisites: PHYS 5663.
Description: Many-body techniques, transport processes, band theoretical techniques, superconductivity, dynamics of electrons in a magnetic field, and alloys.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6213 Group Theory for Physics
Prerequisites: PHYS 5453.
Description: Group theory and imperfections in crystals. Dislocation theory and color centers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6243 Semiconductors I
Prerequisites: PHYS 5113, PHYS 5613, PHYS 5663.
Description: The first part of a survey of the physics of semi-conductors. Bonding and structure, crystal growth, epitaxial growth, band theory, phonons, photons, defects, intrinsic and extrinsic statistics, trapping and recombination.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6260 Special Topics in High Energy Physics
Prerequisites: PHYS 5263 or consent of instructor.
Description: Advanced topics of current interest in high-energy physics: collider physics, supersymmetry, unification, flavor physics, string phenomenology, extra dimensions. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Physics

PHYS 6313 Quantum Mechanics II
Prerequisites: PHYS 5613.
Description: Scattering theory, many-particle quantum mechanics and application to atomic and molecular systems; degenerate and time-dependent perturbation theory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6323 Quantum Field Theory
Prerequisites: PHYS 6313 or consent of instructor.
Description: Relativistic Quantum Mechanics: Klein-Gordon field, path integral formulation of Quantum Mechanics, Feynman diagrams, Quantum Electrodynamics, relativistic scattering radiative corrections, renormalization and critical exponents, non-Abelian gauge theories, spontaneous symmetry breaking.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6343 Semiconductors II
Prerequisites: PHYS 6243.
Description: The second part of the semiconductors sequence. Transport phenomena, junctions, devices, heterostructures, and optical properties.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6413 Nonlinear Optics
Prerequisites: PHYS 5163, PHYS 5313, and PHYS 5613.
Description: The response of matter at high radiation powers; nonlinear susceptibilities. Wave propagation in nonlinear medium; three wave and four wave interactions; saturated absorption, optical switching and limiting; two photon and stimulated Raman processes; Self focusing; solitons.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6423 Quantum Optics
Prerequisites: PHYS 5163, PHYS 5613 or consent of instructor.
Description: Quantization of Electromagnetic Fields, coherence, quantum entanglement, parametric down conversion, two photon interferometry, Bell's inequalities, quantum teleportation and cryptography, cavity QED.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6513 Advanced Topics in Solid State Physics
Prerequisites: PHYS 5663 or equivalent.
Description: Interaction of radiation and matter, neutron scattering, phase transitions, magnetic resonance and cooperative phenomena.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6613 Advanced Nuclear and Particle Physics
Prerequisites: PHYS 5263, PHYS 6313; or consent of instructor.
Description: Renormalization of quantum field theories, spontaneous symmetry breaking, Standard model, flavor physics, grand unification, super-symmetry.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6713 Advanced Electromagnetic Radiation
Prerequisites: Consent of instructor.
Description: Radiation theory, wave guides, scattering and dispersion relations; relativity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6803 Photonics I: Advanced Optics
Prerequisites: ECEN 3213 or ECEN 3813.
Description: Advanced optics including spectral and time characteristics of detectors, characteristics of lasers, time, spectral and spatial parameters of laser emission, interferometric techniques, and nonlinear effects such as two-photon absorption and second and third harmonic generations. Ultrashort laser pulses. Same course as CHEM 6803 & ECEN 6803. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Physics

PHYS 6810 Photonics II: THz Photonics and THz-TDS
Prerequisites: PHYS 6803.
Description: THz photonics and THz time-domain spectroscopy (THz-TDS). Concepts and techniques of driving electronic circuitry with ultrashort laser pulses to generate and detect freely propagating pulses of THz electromagnetic radiation using several operational research systems. Same course as CHEM 6810 & ECEN 6810. Previously offered as PHYS 6811. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6820 Photonics II: Spectroscopy II
Prerequisites: PHYS 6803.
Description: Operating principles and applications of laser spectroscopy of atoms, molecules, solids and complex fluids. Absorption, emission, photon correlation, coherence, time resolved Fourier transform. Raman spectroscopy and non-linear optical. Same course as CHEM 6820 & ECEN 6820. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6830 Photonics II: Spectroscopy III
Prerequisites: PHYS 6803.
Description: Advanced spectroscopic instruments and methods used for investigation of semi-conductors and solid state material. Stimulated emission characterized both in wavelength and in time. Time-resolved fluorescence measurements. Multiphotonic excitations. Fast measuring techniques including subnanosecond detectors, picosecond streak cameras, and ultrafast four-wave mixing and correlation techniques. Time-dependent photoconductivity measurements. Same course as CHEM 6830 & ECEN 6830. Previously offered as PHYS 6831. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6840 Photonics III: Microscopy I
Prerequisites: CHEM 3553 or consent of instructor.
Description: The structure and imaging of solid surfaces. Basics of scanning probe microscopy (SPM). Contact and noncontact atomic force microscopy (AFM). Scanning tunneling microscopy (STM) in air. Same course as CHEM 6840 & ECEN 6840. Previously offered as PHYS 6841. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6850 Photonics III: Microscopy II
Prerequisites: PHYS 3553 or consent of instructor.
Description: Advanced techniques of scanning probe microscopy (SPM). Magnetic force microscopy, Kelvin force microscopy, scanning, tunneling microscopy (STM) in vacuum. Characterization of materials with SPM. Nanolithography with SPM. Device manufacturing and analysis. Same course as CHEM 6850 & ECEN 6850. Previously offered as PHYS 6851. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6860 Photonics III: Microscopy III and Image Processing
Prerequisites: ECEN 5793.
Description: Digital image processing, including projects. Image acquisition and display, image enhancement, geometric operations, linear and nonlinear filtering, image restoration, edge detection, image analysis, morphology, segmentation, recognition, and coding and compression. Same course as CHEM 6860 & ECEN 6860. Previously offered as PHYS 6861. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6870 Photonics IV: Synthesis and Devices I
Prerequisites: PHYS 6803 and PHYS 6840.
Description: Preparation of functional nanostructures and related optical and electronic devices. Physical and chemical methods of thin film deposition. Engineering of prototypes of light emitting diodes, sensors, optical limiting coatings, lithographic patterns. Same course as CHEM 6870 & ECEN 6870. Previously offered as PHYS 6871. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6880 Photonics IV: Semiconductor Devices, Testing and Characterization
Prerequisites: PHYS 6803.
Description: Test and characterization of semiconductor and optoelectronic devices. Hall effect, four point probe, CV and IV measurements, optical pump-probe, photoluminescence, and electro-optics sampling. Same course as CHEM 6880 & ECEN 6880. Previously offered as PHYS 6881. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

PHYS 6890 Photonics IV: Semiconductor Synthesis and Devices III
Prerequisites: PHYS 6803.
Description: Processing, fabrication and characterization of semiconductor optoelectronic devices in class 100/10000 cleanrooms. Cleanroom operation including general procedure for material processing and device fabrication. Device processing using a variety of processing such as mask aligner, vacuum evaporators and rapid thermal annealer. Testing using optical and electrical testing apparatus such as I-V, C-V Hall, and optical spectral measurement systems. Same course as CHEM 6890 & ECEN 6890. Previously offered as PHYS 6891. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Graduate
Schedule types: Lab
Department/School: Physics

Undergraduate Programs

- Physics, BS (p. 1810)
- Physics: Applied Physics, BS (p. 1813)
- Physics: Secondary Teacher Certification, BS (p. 1815)

Graduate Programs

Prerequisites

Thirty semester hours of physics beyond the elementary course work and mathematics courses through advanced calculus and differential equations are normally required.

The Master of Science Degree

Students can choose between a thesis or non-thesis plan. For both plans, the required courses are the following:

Code	Title	Hours
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3

The thesis plan requires the successful completion of 30 semester credit hours beyond the BS, which include the required courses; nine semester credit hours of electives in physics, mathematics or an allied field; and the submission of an acceptable thesis along with six credit hours of PHYS 5000 Master's Thesis Research or Report. The thesis is to be based on original and independent research, on a topic chosen in consultation with the student's advisor. The student must successfully defend the thesis in an oral examination. The non-thesis plan requires 32 semester credit hours beyond the BS degree, including the required courses; fifteen hours of electives (with up to nine credit hours of senior level courses); and two credit hours of library research (PHYS 5000 Master's Thesis Research or Report) on a topic chosen in consultation with the student's advisor. A completed written report based on the library research must be orally presented to the student's advisory committee. For both plans, the electives must be chosen in consultation with the student's advisory committee.

Also available at the MS level is an option in optics and photonics, in association with the School of Electrical and Computer Engineering. Students may pursue one of two plans, both of which require 24 credit hours of coursework with at least one course taken outside the student's specialization. Beyond this, the first plan (30 credit hours) requires an additional six hours of research and a successful defense of a thesis. The second plan (32 credit hours) requires an additional six hours of coursework and a two-credit-hour report.

The Doctor of Philosophy Degree

The following physics courses are required:

Code	Title	Hours
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5213	Statistical Mechanics	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
PHYS 6313	Quantum Mechanics II	3

Three additional PHYS prefix courses at the 5000- or 6000-level, including at least one course not in the student's specialization, must be completed. Additional courses reflecting the candidate's specialization may be required by the advisory committee. Seventy-two (72) semester hours of credit beyond the bachelor's degree, or sixty semester hours of credit beyond the master's degree are required. A minimum of two-thirds of the graduate course credits must be in physics. No more than six credit hours of eligible physics coursework at the 4000-level can be counted toward graduate credit and no more than 12 total credit hours of eligible coursework in all subjects at the 3000- or 4000-level can be counted toward graduate credit. Courses taken at another institution will be evaluated by a faculty committee to determine whether they satisfy any requirements.

A Photonics PhD program shared with the Electrical and Computer Engineering Department is also available, with Physics as the home department. Details of the multidisciplinary photonics PhD program are found in the “Graduate College (p. 3005)” section of the Catalog.

The most important single requirement for the PhD in physics is the presentation of an acceptable dissertation which represents original research work by the student and which demonstrates the student's ability to do independent study as well as to plan and carry out future research in his or her field. Full information on graduate programs in the Department of Physics is available from the Graduate Coordinator or from the department website at physics.okstate.edu (https://physics.okstate.edu/).

Certificates

- Quantum Information Science, UCRT (p. 1818)

Minors

- Physics (PHYS), Minor (p. 1809)

Faculty

Flera Rizatdinova, PhD—Professor and Head
Regents Professors: Kaladi Babu, PhD

Professors: Donna K. Bandy, PhD; Eric Benton, PhD; Mario Borunda, PhD; Joseph Haley, PhD; Alexander Khanov, PhD; Yingmei Liu, PhD (Noble Chair); David McIlroy, PhD; Al Rosenberger, PhD; Aihua Xie, PhD
Associate Professors: Donghua Zhou, PhD
Assistant Professors: Thomas Bilitewski, PhD; Vedran Brdar, PhD; Wenlei Chen, PhD; Julius De-Rojas, PhD; Dorival Goncalves-Netto, PhD; Mayukh Lahiri, PhD; Derek Meyers, PhD
Teaching Assistant Professor: Kim Zoldak, PhD
Emeriti Professors: Bruce Ackerson, PhD; Robert Hauenstein, PhD; Joel J. Martin, PhD; Stephen W.S. McKeever, PhD (Regents Professor); John W. Mintmire, PhD (Regents Professor); Satya Nandi, PhD (Regents Professor); Jacques H.H. Perk, PhD; Peter M.A. Sherwood, PhD (Regents Professor); Peter O. Shull, PhD; James P. Wicksted, PhD

Physics (PHYS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Sheri Orr, 404 NRC, 405-744-3729

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 20

Code	Title	Hours
Minor Requirements		
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
Select 9 hours of upper-division PHYS or ASTR [1]		9
Total Hours		**20**

[1] No more than 3 hours upper-division ASTR may apply

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Physics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
MATH 2153	Calculus II (Q) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
Course designated (N)		2
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1515	Chemistry II (LN)	5
PHYS 2014	University Physics I (LN)	4
Foreign Language		
0-6 hours. See note 3		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in each course		
Core Requirements		
PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3513	Mathematical Physics	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
PHYS 4513	Introductory Quantum Mechanics	3
PHYS 4712	Senior Project	2
PHYS 4813	Electromagnetic Radiation	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
Additional Requirements		
Select 9 upper-division hours in Physics or Astronomy		9
Select 6 upper-division hours from: BIOL, CS, ENSC, GEOL, MAE, MATH, MEEN, PHIL		6
Hours Subtotal		**54**
Electives		
Select 13 hours		13
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Suggested electives: ASTR, CS, and MATH		
Hours Subtotal		**13**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
General Education courses		5
	Hours	**14**
Spring		
MATH 2153	Calculus II (Q)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		9
	Hours	**16**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		9
	Hours	**16**
Spring		
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
MATH 2233	Differential Equations	3
College and Elective courses		6
	Hours	**15**
Junior		
Fall		
PHYS 3013	Mechanics I	3
PHYS 3713	Fundamentals of Modern Physics	3

PHYS 4113	Electricity and Magnetism	3
MATH 3013	Linear Algebra (Q) (Recommended)	3
Major, College, and Elective courses		3
	Hours	**15**
Spring		
PHYS 4513	Introductory Quantum Mechanics	3
PHYS 4813	Electromagnetic Radiation	3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
PHYS 3323	Modern Laboratory Methods I	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
PHYS 3623	Modern Laboratory Methods II	3
PHYS 4712	Senior Project	2
Major, College, and Elective courses		9
	Hours	**14**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Physics: Applied Physics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1]	4
MATH 2153	Calculus II (Q) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1]	4
or CHEM 1414	General Chemistry for Engineers (LN)	
Course designated (N)		2
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
PHYS 2014	University Physics I (LN)	4
5 hours of Math and/or Science		5
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in each course		
Core Requirements		
PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III [2]	3
or ENSC 2213	Thermodynamics	
PHYS 3013	Mechanics I	3
or ENSC 2123	Elementary Dynamics	
PHYS 3323	Modern Laboratory Methods I	3
or MAE 3113	Measurements and Instrumentation	
or ECEN 2714	Fundamentals of Electric Circuits	
or BAE 3023	Instruments and Controls	
PHYS 3513	Mathematical Physics	3
or MAE 3013	Engineering Analysis and Methods I	
PHYS 3623	Modern Laboratory Methods II	3
or MAE 3724	Dynamic Systems Analysis and Introduction to Control	
or ECEN 3314	Electronic Devices and Applications	
or ECEN 4013	Design of Engineering Systems	
or BAE 3033	Engineering Properties of Biological Materials	
PHYS 3713	Fundamentals of Modern Physics	3
or CHEM 3433	Physical Chemistry I	
PHYS 4113	Electricity and Magnetism	3
or ECEN 3623	Applied Fields and Waves II	
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
or MATH 3263	Linear Algebra and Differential Equations	
Additional Requirements		
Select 9 upper-division hours in in any one academic department [3]		9
Select 9 upper-division hours [3]		9
ASTR 3023	Astrophysics	
ASTR 4010	Observatory Research	
PHYS 3113	Thermal Physics	
or MAE 3223	Thermodynamics II	
or CHE 3473	Chemical Engineering Thermodynamics	
PHYS 4003	Computer Simulation Methods in Physics	
or MAE 3403	Computer Methods in Analysis and Design	
or CHE 4493	Introduction to Molecular Modeling and Simulation	
or CHE 4753	Introduction to Applied Numerical Computing for Scientists and Engineers	
or CHE 4773	Introduction to Computational Fluid-Particle Dynamics	
or MATH 3583	Introduction to Mathematical Modeling	

PHYS 3313	Introduction to Semiconductor Device Physics
or ECEN 3903	Introduction to Semiconductor Devices
PHYS 3213	Optics
ENSC 3313	Materials Science
PHYS 4263	Introduction to Solid State Physics
PHYS 4503	Quantum Information
PHYS 4513	Introductory Quantum Mechanics
PHYS 3553	Foundations of Cancer
CHE 3333	Introduction to Transport Phenomena
CHEM 3553	Physical Chemistry II
CHEM 4123	Biomolecular Chemistry and Function
CHE 4783	Nanomaterial Synthesis and Characterization
Hours Subtotal	**49**
Electives	
Select 18 hours [3]	18
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.).	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
Suggested electives: ASTR, CS, and MATH	
Hours Subtotal	**18**
Total Hours	**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

[2] If taking ENSC 2213 instead of PHYS 2203, must also take ECEN 3613 Applied Fields and Waves I.

[3] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these 18 hours and up to 12 hours of electives.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
CHEM 1314 or CHEM 1414	Chemistry I (LN) or General Chemistry for Engineers (LN)	4
MATH 2144	Calculus I (Q)	4
General Education courses		5
	Hours	**14**
Spring		
MATH 2153	Calculus II (Q)	3
PHYS 2014	University Physics I (LN)	4
General Education courses		9
	Hours	**16**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		9
	Hours	**16**
Spring		
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
MATH 2233	Differential Equations	3
College and Elective courses		6
	Hours	**15**
Junior		
Fall		
PHYS 3013	Mechanics I	3
PHYS 3713	Fundamentals of Modern Physics	3
PHYS 4113	Electricity and Magnetism	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
PHYS 3323	Modern Laboratory Methods I	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
PHYS 3623	Modern Laboratory Methods II	3
Major, College, and Elective courses		11
	Hours	**14**
	Total Hours	**120**

Physics: Secondary Teacher Certification, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q) [1,2]	4
MATH 2153	Calculus II (Q) [1,2]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		3
Courses designated (DH)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
CHEM 1314	Chemistry I (LN) [1,2]	4
PHYS 2014	University Physics I (LN) [1,2]	4
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
BIOL 1113	Introductory Biology (N)	3
CHEM 1515	Chemistry II (LN) [2]	5
PHYS 2114	University Physics II (LN)	4
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**16**
Major Requirements		
Physics Core		
Minimum GPA 2.50 and minimum grade of "C" or "P"		
PHYS 2203	University Physics III	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3623	Modern Laboratory Methods II	3
PHYS 3713	Fundamentals of Modern Physics	3
MATH 2163	Calculus III	3
MATH 2233	Differential Equations	3
STAT 4013	Statistical Methods I (Q)	3
Additional Requirements:		
Secondary Education Professional Core		
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course		
SMED 1012	Inquiry Approaches to Teaching	2
SMED 3013	Knowing and Learning in K-12 Education	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach [3]	3
SMED 4713	Teaching and Learning Science in the Secondary School [3]	3
SPED 3202	Educating Exceptional Learners	2
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4720	Internship in the Secondary Classroom [3]	8
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School	4
Hours Subtotal		**53**
Electives		
Select 11 hours		11
May need to include 6 hours of a foreign language (see note 3)		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
Hours Subtotal		**11**
Total Hours		**120**

1 College and Departmental Requirements that may be used to meet General Education Requirements.
2 Minimum GPA 2.50 and minimum grade of "C" or "P."

[3] Full admission to Professional Education required.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
CHEM 1314	Chemistry I (LN)	4
MATH 2144	Calculus I (Q)	4
SMED 1012	Inquiry Approaches to Teaching	2
	Hours	**15**
Spring		
CHEM 1515	Chemistry II (LN)	5
MATH 2153	Calculus II (Q)	3

PHYS 2014	University Physics I (LN)	4
General Education courses		3
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
PHYS 2114	University Physics II (LN)	4
General Education courses		11
	Hours	**18**
Spring		
MATH 2233	Differential Equations	3
PHYS 2203	University Physics III	3
PHYS 3513	Mathematical Physics	3
SMED 3013	Knowing and Learning in K-12 Education	3
SPED 3202	Educating Exceptional Learners	2
General Education or Electives		3
	Hours	**17**
Junior		
Fall		
CIED 3313	Field Experience in the Secondary Schools	3
PHIL 3933	Creation and Evolution	3
PHYS 3013	Mechanics I	3
PHYS 3323	Modern Laboratory Methods I	3
PHYS 3713	Fundamentals of Modern Physics	3
	Hours	**15**
Spring		
PHYS 3623	Modern Laboratory Methods II	3
SMED 4611	Authentic Research in the Science Classroom	1
SMED 4613	Teaching the Nature of Science Through an Inquiry Approach	3
Major, College, and Elective courses		9
	Hours	**16**
Senior		
Fall		
PHYS 4113	Electricity and Magnetism	3
STAT 4013	Statistical Methods I (Q)	3
SMED 4023	Advanced Field Placement in Mathematics and Science	3
SMED 4713	Teaching and Learning Science in the Secondary School	3
Major, College, or Elective		3
	Hours	**15**
Spring		
CIED 4720	Internship in the Secondary Classroom	6
SMED 4723	Senior Seminar in Secondary Mathematics and Science Education	3
	Hours	**9**
	Total Hours	**120**

Quantum Information Science, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Coursework: 2.00
Total Hours: 20

Code	Title	Hours
PHYS 2014	University Physics I (LN)	4
PHYS 2114	University Physics II (LN)	4
PHYS 2203	University Physics III	3
PHYS 3713	Fundamentals of Modern Physics	3
PHYS 4503	Quantum Information	3
PHYS 4513	Introductory Quantum Mechanics	3
or MATH 4753	Introduction to Cryptography	
Total Hours		**20**

Political Science

As a Political Science major, students will work with experts in American government, international and comparative politics, and policymaking to explore important, relevant questions to their academic and professional development. Some of these questions include:

- Which skills will prepare students to serve as leaders in their communities, be it in local politics or national governance?
- How can the study of law make students effective citizens and advocates for supporting their fellow citizens?
- What can students learn about effective governance and policymaking by studying countries from across the world?
- How can students best understand modern challenges to society, including environmental degradation, war, inequality, and terrorism, and apply this knowledge in order to make meaningful contributions in addressing them?
- What practices and processes help ensure a fair and just society for all individuals?

Through rigorous coursework, individual research projects, and practical experiences, students will not only be prepared for an ever-changing job market, but also develop a passion for politics — ready to participate in the vital work required of democratic citizens in the twenty-first century!

Graduates have gone on to contribute to a varied set of professions, including local, state, and national government, law, non-profit work, advocacy, academia, and international business.

The department offers several degree options that offer a rich study of topics, such as law, global politics, and campaigning, while also permitting the flexibility to add double-majors and minors from other departments:

- Political Science, B.A. or B.S.
- Political Science: Global Politics, B.A. or B.S.
- Political Science: Campaigns and Lobbying, B.A. or B.S.
- Political Science: Pre-Law, B.A. or B.S.
- Political Science: Public Policy, B.A.

The minimum GPA for a political science degree is 2.50 with a minimum grade of "C" in all upper-division political science and related upper-division coursework. Additional flexibility in the degree program is offered through internships, and opportunities to work with professors in developing independent study courses in areas where the department may not offer regular coursework.

In addition, departmental minors that allow for an in-depth, focused study on key topics, including :

- Campaigns and Lobbying
- Intelligence and Security Analysis
- Law and Legal Studies
- Political Science

The required GPA for a minor is 2.50.

Courses

POLS 1010 Studies in American Government
Description: Special study in American government to allow transfer students to fulfill general education requirements as established by Regents' policy. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science

POLS 1113 American Government
Description: Organization, processes and functions of the national government of the United States. Satisfies, with HIST 1103 or 1483 or 1493, the State Regents requirement of six credit hours of American history and American government before graduation. Previously offered as POLS 1013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour, and Individ Study Tuition and fee of $189.10 per credit hour apply.

POLS 2000 Topics in American Politics (S)
Description: Introductory examination of timely topics and issues in American Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Society & Human Behavior

POLS 2010 Topics in International Relations (G)
Description: Introductory examination of timely topics and issues in International Relations. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 2013 Introduction to International Relations (S)
Description: Analysis and explanation of the political, economic, and social relationships that exist between countries. Broad topics include major actors in international relations, the role of power on the global stage, interstate and civil conflict, cooperation, and economic security. The assumptions of major international relations theories, such as realism and liberalism, are explained. Previously offered as POLS 3013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Society & Human Behavior

POLS 2020 Topics in Public Law (S)
Description: Introductory examination of timely topics and issues in Public Law. Maybe repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Society & Human Behavior

POLS 2023 Introduction to Law and Legal Studies (S)
Description: Introduction to the U.S. Constitution, legal reasoning, legal research techniques, and topical issues of U.S. public law.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Society & Human Behavior

POLS 2030 Topics in Public Policy & Administration
Description: Introductory examination of timely topics and issues in Public Policy and Administration. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 2033 Introduction to Public Administration
Description: Public administration, including administration, administrative organization, decision-making, governmental public relations and administrative responsibilities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 2110 Topics in Comparative Politics (G)
Description: Introductory examination of timely topics and issues in Comparative Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 2113 Introduction to Comparative Politics (GS)
Description: A study of the domestic politics, society, and economies in countries around the world.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension, Society & Human Behavior

POLS 2213 Fundamentals of Political Science
Description: This course provides an overview of Political Science as a field of study, and it provides students with basic research literacy and other skills essential to success as a Political Science major.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 2313 Social Justice Politics (D)
Description: This course examines race, ethnicity, class, gender, sexuality, religion, age, ability, and in a number of realms, particularly the political. Specific social justice issues discussed include immigration reform, religious accommodations in the workplace, the gender gap In wages and political office holding, income and wealth inequality, racial and ethnic discrimination, same-sex marriage, ageism and disability access.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Diversity

POLS 2423 Voting and Elections
Description: A study of the major issues, voting patterns, institutional factors, and political factors shaping elections with a focus on current U.S. elections. May include a discussion of how U.S. elections compare to other countries. Previously offered as POLS 3423.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 2523 Black Political Thought
Description: Black Political Thought develops a set of critical tools to help explain the distinctiveness of Black Politics. It pursues a deep understanding of the Black intellectual traditions that inform an enhanced understanding of Political Theory's core concepts. Using the lens of the African diaspora it investigates the abiding concerns of Political Theory, i.e., the meanings of justice, freedom, and equality; the nature of power, obligation, and "the good life." Same course as AFAM 2523.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Diversity

POLS 2890 Honors Experience in Political Science
Prerequisites: Honors Program participation and concurrent enrollment in a designated Political Science course.
Description: A supplemental Honors experience in Political Science to partner concurrently with designated Political Science course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Honors Credit

POLS 2993 Honors Tutorial in Political Science
Prerequisites: POLS 1113. Honors standing, and invitation by head of department.
Description: For the special needs of the sophomore-level honors student majoring in political science who wishes to study individualized topics at an accelerated pace in a tutorial format. After mastering basic principles in an area of interest the student will conduct independent research under close faculty supervision and prepare a report or reports.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science

POLS 3003 The Soviet Union: History, Society and Culture(GS)
Description: A comprehensive view of the Soviet Union, stressing those issues in the political, economic, technological, geographical and cultural spheres which are most relevant to the current situation. Accessible to beginning undergraduates. Same course as HIST 3003 & RUSS 3003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension, Society & Human Behavior

POLS 3033 International Law
Description: International laws between countries arise from customary law, treaties, and other international agreements. This course examines international law surrounding international diplomacy, conflict, organizations, and the international political reasons for the creation, compliance, and violation of such laws.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3053 Introduction to Central Asia Studies (IS)
Description: A comprehensive view of newly-emerged Central Asian states examining the history, politics, economics, geography, and culture of Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan as reflected in their thoughts, religion, literature, and architecture, in the past, and the strategic importance of their natural wealth for the present and future. Same course as GEOG 3053, GLST 3053, HIST 3053 & RUSS 3053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3090 Teaching Practicum
Prerequisites: Consent of instructor.
Description: For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written paper(s). Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science

POLS 3100 Political Science Internship
Prerequisites: Consent of department.
Description: Internship education experience in a specific subfield in the discipline of political science. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science

POLS 3101 Oklahoma Intercollegiate Legislature
Description: OSU Oklahoma Intercollegiate Legislature provides students with hands on experience in the legislative process. It is a mock legislature with the intended goal of passing bills and learning parliamentary procedure. Students learn how to research and draft legislation, build coalitions, and debate the merits of their bills. Participation in O.I.L. gives students a behind the scenes look at how state government conducts business. The result is academic learning in a real world setting. This course is a pass/fail grade. Offered for fixed credit, 1 credit hour.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3103 Introduction to Political Inquiry
Prerequisites: Sophomore, Junior and Senior standing.
Description: The scope and methods of political science. Scientific methodology applied to political phenomena, hypothesis, measurement, literature review, research designs, introductory data analysis and writing in political science. Previously offered as POLS 4003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3123 Russian & Eurasian Politics (G)
Description: An overview of the major political, social, and economic challenges facing Russia and its neighbors.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 3143 European Politics (G)
Description: An overview of the major political, social, and economic challenges facing European countries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 3163 African Politics (G)
Description: An overview of the major political, social, and economic challenges facing African countries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 3193 Latin American Politics (GS)
Description: An overview of the major political, social, and economic challenges facing Latin American countries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension, Society & Human Behavior

POLS 3223 Asian Politics
Description: An overview of the major political, social, and economic challenges facing Asian countries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3313 Middle Eastern Politics
Description: An overview of the major political, social, and economic challenges facing Middle Eastern countries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3353 Political Parties
Description: An examination of political parties, including the role of parties in elections and government, how parties have changed through time, why there are only two major parties in the United States, and what factors influence how parties behave.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3443 Pol Campaigns And Candidacy
Description: Planning, fundraising, targeting, public opinion, support operations, voter contact, the mass media and candidate activities. Previously offered as POLS 3414.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3453 U.S. Congress
Description: The power and organization of legislatures, as well as the selection and behavior of legislators. Special attention given to the U.S. Congress.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3483 The American Presidency
Description: The politics of presidential selection, removal and succession; formal and informal powers of the president; relations with Congress, the national judiciary and national executive branch; proposed reforms and the vice-presidency.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3493 Public Policy
Prerequisites: Any one of POLS 1013, POLS 2033, ECON 1113.
Description: Identification of policy options open to policy makers and examination of measurements and rationales underlying governmental programs. May not be used for degree credit with POLS 5613.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3513 Public Opinion and Polling
Description: The nature of public opinion. Public opinion polling, the factors influencing opinion formation, and the effects of public opinion on policy and policy makers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3523 Money, Media And Politics
Prerequisites: POLS 1113.
Description: Techniques used by successful candidates for elective office to present their positions to the voting public. Beginning with the basic elements of fundraising exploration of current campaign finance laws, funding techniques and campaign budgeting. Message development, media production and ad placement. Preparation of a fundraising strategy.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3533 Lobbying and the Power of Organized Interests
Prerequisites: POLS 1113.
Description: An exploration of how political scientists understand organized interests and their lobbying and grassroots activities. Topics may include the origin of interests, collective action problems, lobbying techniques, and grassroots activism, campaign finance, influence of groups in government, and who is powerful and why.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3613 State and Local Government
Description: Political processes, government and administration of American states, cities and counties; special emphasis on Oklahoma.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3663 Introduction to Political Thought
Description: The teachings of the three lasting traditions of Western political thought: classical, Christian and modern.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3683 Politics in Contemporary Film
Prerequisites: POLS 1113.
Description: The effect of politics on contemporary film. Exploration of the often subtle political imagery and symbolism contained in film.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3893 Terrorism & Counterterrorism
Description: This course examines the definition, causes, and consequences of terrorist activity. Special emphasis will also be given to key domestic and international counterterrorism responses.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3953 Minorities in the American Political System (DS)
Prerequisites: POLS 1113.
Description: Examination of mass and elite level behavior of minorities in the contemporary U.S. political system.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Diversity, Society & Human Behavior

POLS 3963 State Courts and the Bar
Description: This course will cover the various constraints that exist within the decision-making outcomes of state courts, as well as the institutional biases found within state run criminal justice systems. It looks at the increasingly partisan nature of state court election cycles and the contemporary status of the legal academy, the Bar, and the economics of law firms. It will be particularly useful to those students thinking about continuing their education with the pursuit of a law degree.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3973 Race, Politics and Sports (D)
Prerequisites: POLS 1113.
Description: Historical, as well as the contemporary relationship, between race, politics and sports in the U.S. political system.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Diversity

POLS 3983 Courts and Judicial Process
Description: The American judiciary and legal process from a political perspective with particular emphasis on judicial organization and powers, recruitment, fact-finding, decision-making, impact of decisions, the legal profession and relations among courts. Oklahoma judicial organization.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 3993 Legal Research And Analysis
Prerequisites: POLS 2023 or HONR 2013.
Description: Introduction to legal research methods, including state and federal reported cases, digests, annotated codes, state and federal administrative regulations, and computerized legal research, as well as an introduction to legal reasoning and analysis and the preparation of case briefs and memoranda.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4000 Advanced Topics in American Politics
Prerequisites: POLS 1113 or consent of instructor.
Description: In-depth examination of critical topics and issues in American politics, including American political behavior and political leadership. May be repeated with different topics. May not be used for degree credit with POLS 5710. Offered for variable credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4010 Advanced Topics in International Relations
Prerequisites: POLS 2013 or POLS 2113 or consent of instructor.
Description: In-depth examination of critical topics and issues in International Relations. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 5210.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4013 American Foreign Policy
Description: An introduction to the history of America's foreign policy (with an emphasis on foreign relations since WWII), the dominant themes and goals of American foreign policy throughout time, contemporary issues that face the United States, and how foreign policy is made and enforced. May not be used for degree credit with POLS 5153.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4020 Advanced Topics in Comparative Politics
Prerequisites: POLS 2013 or POLS 2113 or consent of instructor.
Description: In-depth examination of critical topics and issues in Comparative Politics. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 5410.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4023 Intelligence and Security Analysis
Description: An introduction to the world of intelligence analysis. Students will gain a basic understanding of the different types of intelligence, the way intelligence is analyzed, and the ways that analysts present their findings to the consumer. Students will learn critical thinking techniques used by professionals and apply them to hypothetical and real-world problems. May not be used for degree credit with POLS 5223
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4033 Civil Wars (G)
Prerequisites: POLS 1113.
Description: This course focuses on civil wars, insurgencies, and other conflicts that occur within the borders of countries. The course intends to present current theories and understanding of civil wars that can inform the examination and explanation of such conflicts, including why conflicts start, how conflicts end, the goals and strategies of rebel groups and governments, and the long-term effects of conflict are critical to forming domestic and international policies that provide peaceful alternatives to violence.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 4043 Global Political Economy
Description: An introduction to the major players, challenges, and theories shaping the modern global economy. Topics include economic development, globalization, trade, and foreign investment. May not be used for degree credit with INTL 5043. Previously offered as POLS 3043.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4053 War And World Politics (G)
Description: Students are introduced to the scientific study of war. Topics include why countries engage in conflict, the conduct of war, the ways in which wars end, and how peace is maintained between former rivals.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: International Dimension

POLS 4100 Problems of Government, Politics and Public Policy
Description: Special problem areas of government, politics and public policy concentrating on topics not covered in other departmental course offerings. May not be used for degree credit with POLS 5100. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science

POLS 4113 International Organization
Description: The last one hundred years have seen the rise of international organizations. This class explores the reasons for this proliferation, as well as the impact of organizations such as the United Nations, North Atlantic Treaty Organization, etc. for the conduct of international relations. May not be used for degree credit with POLS 5163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4223 Social Movements
Prerequisites: POLS 1113.
Description: A study of the origins, activities, and impact of political and social movements. Students examine these theories and concepts by learning about several contemporary movements from other countries and the United States.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4333 Improving Democracy (S)
Description: This course encourages students to think critically and creatively about challenges facing political institutions in democratic countries, such as the United States and/or abroad, and the prospects for more robust democracy in the future. Topics may include the foundational principles of democracy, new research on threats to democracy, prominent democratic reform proposals, and evidence of their merits.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Society & Human Behavior

POLS 4353 Administrative Law
Description: Legal powers, limits, and procedures of administrative agencies with emphasis on federal and state administrative procedure acts. May not be used for degree credit with POLS 5713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4363 Environmental Law And Policy
Description: Statutory law, case law, and administrative practices relating to regulation of the environment including environmental impact statements, pollution, public lands, and preservation law. May not be used for degree credit with POLS 5633.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4403 Urban Politics and Management
Description: Problems of governing and managing American metropolitan areas. May not be used for degree credit with POLS 5323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4413 Government Budgeting
Description: The politics, planning and administration of government budgets. May not be used for degree credit with POLS 5320.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4453 Public Personnel Administration
Description: Problems, processes, and procedures of public personnel administration. May not be used for degree credit with POLS 5333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4553 American Political Thought
Description: A survey of the major developments in American political thought from the Colonial period to the present, followed by a topical analysis of important recent theoretical developments in political science.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4573 Democratic Theory
Description: Investigates the origins, development, and continuing challenges of theories of democratic government, with particular emphasis on the American political tradition. Topics include citizenship, accountability, voting and elections, federalism, and institutional design.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4593 Natural Resources and Environmental Policy
Description: Current issues in the law, politics and administration of energy, land, water, mineral and other natural resources policy with particular emphasis on relations to environmental policies and law. May not be used for degree credit with POLS 5620.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4623 Oklahoma Politics (S)
Prerequisites: POLS 1113.
Description: Introduction to Oklahoma Politics. Topics include the evolution of Oklahoma political institutions; the struggle to shape the Oklahoma political culture with special attention to the role of race and woman suffrage; political issues; the structure of Oklahoma political institutions at the state and local levels; and elections.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science
General Education and other Course Attributes: Society & Human Behavior

POLS 4653 Contemporary Political Thought
Description: An analysis of 19th and 20th century political ideas, with emphasis on the rise and fall of ideologies along side controversies over relativism, positivism, pragmatism, and resurgent religious faiths.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4670 Advanced Topics in Political Theory
Description: In-depth examination of critical topics and issues in classic, modern, or American political theory. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4693 Gender and Politics
Description: Changing role of women in government and politics. Voting behavior, public opinion, women in government, and the women's movement.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4903 Senior Capstone Seminar
Prerequisites: Political Science major with Junior or Senior standing and completion of POLS 3103 with a grade of "C" or better.
Description: This class is intended to be the culmination of a student's undergraduate study of Political Science, emphasizing skills essential to students' future success. Students will read and discuss advanced readings in the field of political science and complete a significant empirical research project.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4963 U.S. Constitution: Civil Rights and Civil Liberties
Prerequisites: POLS 2023 or POLS 3983 recommended.
Description: Development of principles of constitutional law by the Supreme Court concerning individual and group rights, with particular emphasis on equal protection of the laws concepts in matters of race, gender, wealth, citizenship, legislative reapportionment and voting rights, government employment and affirmative action programs. Legal research techniques.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4973 U.S. Constitution: Separation of Powers
Prerequisites: POLS 2023 or POLS 3983 recommended.
Description: This course will cover the constitutional law governing the structure of the United States government, including such subjects as the power of the federal government, the separation of powers within the federal government, and the relationship between the federal government and the states (including substantive and due process rights under the Fourteenth Amendment).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4980 Advanced Topics in Public Law
Prerequisites: POLS 2023 and (POLS 3983 or POLS 3993) or consent of instructor.
Description: In-depth examination of critical topics and issues in Public Law. May be repeated with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Political Science

POLS 4990 Independent Study
Description: Application of major relevant theoretical perspectives to selected case studies of political problems and issue areas. Theories and attendant case studies selected by visiting faculty members. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science

POLS 4993 Political Science Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in political science.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Political Science
General Education and other Course Attributes: Honors Credit

POLS 5000 Thesis
Description: Thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5013 Quantitative Methods
Prerequisites: POLS 5103.
Description: Required of all graduate students. Fundamental methodological issues in the scientific study of politics. Logic of science, principles of research design and computer data manipulation and analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5020 Creative Component
Description: Individually supervised research. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5023 Foundation of Political Science
Description: Overview of the foundational works, theories and approaches that define the discipline of political science and serve as bridges across its subfields.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5030 Internship in Public Administration and Government
Description: Individually supervised internships in administrative and governmental career areas. Paper required. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5040 Readings in Politics, Public Policy or Public Administration
Prerequisites: Consent of supervising professor.
Description: Readings in the student's major area of study. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5100 Directed Study
Description: Directed study for master's level students. May not be used for degree credit with POLS 4100. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5103 Research Design
Prerequisites: Graduate standing.
Description: Overview of research design, including conceptualization and operationalization, literature review, deductive and inductive theorizing, hypothesis testing, quantitative and qualitative data collection and analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5113 Seminar in Public Program Evaluation
Description: Methodology of evaluation research in public programs. Emphasis will be placed on designing and interpreting evaluative studies rather than the mastery of particular mathematical, statistical or computer skills.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5133 Politics and Political Economy in the European Union
Description: The institutions and policy-making process of the European Union (EU) and the theoretical traditions in the study of European integration. The institutional form of the EU and the type of European policy that is emerging.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5143 Social and Political Perspectives in Europe
Description: Examination of the current and historical social, cultural and political landscapes of European societies. Material related to identity politics, citizenship, democratization and collective memory feature regularly in the course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5153 American Foreign Policy
Description: An introduction to the history of America's foreign policy (with an emphasis on foreign relations since WWII), the dominant themes and goals of American foreign policy throughout time, contemporary issues that face the United States, and how foreign policy is made and enforced. May not be used for degree credit with POLS 4013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5163 International Organization
Description: The last one hundred years have seen the rise of international organizations. This class explores the reasons for this proliferation, as well as the impact of organizations such as the United Nations, North Atlantic Treaty Organization, etc. for the conduct of international relations. May not be used for degree credit with POLS 4113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5203 ProSeminar in International Relations
Description: A general survey intended to introduce students to major theoretical paradigms, applications, and debates in the field of international relations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5210 Topics Seminar in International Relations
Description: In-depth examination of critical topics and issues in International Relations. May be repeated up to 6 hours with different topics. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours. May not be used for degree credit with POLS 4010.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5213 Seminar in the International Political Economy
Prerequisites: Graduate standing.
Description: Research on the mechanics and theories of interaction between economic and political phenomena. Same course as INTL 5213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5223 Security Analysis and Briefing
Description: The purpose of this course is to provide students with the basic tools used by intelligence analysis. In the course, we will discuss the psychology of intelligence, how to nurture analytical creativity, methods of intelligence analysis, and ways that analysts present their findings to the consumer. We will also engage in several exercises involving both hypothetical and real-world problems that will allow you to develop your critical thinking skills. Finally, we will create an intelligence product that brings together all the skills learned in the course. May not be used for degree credit with POLS 4023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5253 Conflict Management and Peacebuilding
Description: An introduction to the tactics, strategies, and tools of conflict management. Student will engage with current research in this field, with a focus on understanding of what works - and what does not - in resolving civil wars and communal violence.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5273 Diplomacy
Description: Overview of the theoretical and practical dimensions of diplomacy. This class explores the history of diplomacy, its place within the study of international relations, the rise of diplomatic norms, the evolution of diplomacy, and the fragility and art of negotiation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5313 Public Management
Description: Introduction to the general principles of management as they are applied in the public sector. Systems theory, organization design, and techniques of supervision.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5320 Seminar in Public Budgeting and Finance
Description: Major processes and practices involved in governmental budgeting in the United States at national, state and local level. May not be used for degree credit with POLS 4413. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5323 Urban Politics and Management
Description: Introduction to the concepts, processes and techniques of managing urban political systems to include problems of leadership, decision-making, general management and group behavior. May not be used for degree credit with POLS 4403.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5333 Seminar in Public Personnel Administration
Description: Current practices, problems and issues in public sector personnel administration, including merit system, civil service reform collective bargaining, and equal opportunity and affirmative action. May not be used for degree credit with POLS 4453.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5353 Seminar in Design, Structure and Processes of Public Organizations
Description: Administration in the public sector, stressing traditional and emerging organization structures. Awareness of administrative processes and environment that include program design, implementation, and administrative accountability.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5363 Public Sector Dispute Resolution
Prerequisites: Senior or graduate standing.
Description: Labor relations and employment issues in the public sector, and the various methods for resolving government personnel conflicts without resort to violence or litigation. Focus on labor law, employment law and Alternative Dispute Resolution as they apply to government employment.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5393 Politics of Disaster
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5403 ProSeminar in Comparative Politics
Prerequisites: Graduate standing and 5303 or consent of instructor.
Description: Situates disaster phases in the political context at the local, national, and international levels. Examines research on specific events and their interactive effects between the political system and various phases of disaster.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5410 Topics Seminar in Comparative Politics
Description: In-depth examination of critical topics and issues in Comparative Politics. May be repeated up to 6 hours with different topics. May not be used for degree credit with POLS 4020. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5510 Seminar in Political Behavior
Description: Examination of contemporary theories of political behavior with emphasis on empirical studies. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 3-18 Other: 3-18
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5513 Seminar in Political Psychology
Description: Examination of psychological theories as they pertain to political behavior, including attitude change, political cognition, public opinion and decision-making.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5613 Public Policy Analysis
Description: Analytical methods for evaluating public policies and examination of the public processes including policy design, implementation and evaluation. May not be used for degree credit with POLS 3493.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5620 Seminar in Natural Resource Policy, Law and Administration
Description: Analysis of the legal and public policy aspects of environmental regulation, including special emphasis on one of three components: environmental law, administrative law, and national resource law and policy. May not be used for degree credit with POLS 4593. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5633 Practical Environmental Compliance
Description: Environmental decision-making, reading and understanding environmental statutes and regulations, and effectively dealing with the EPA. Environmental permitting and enforcement, policies and procedures. Review of hazardous waste regulations with emphasis on ground water problems. May not be used for degree credit with POLS 4363.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5643 Regulatory Risk Analysis
Description: Risk-based decision making, government's risk analysis paradigm, risk analysis policy, and social aspects of risk assessment. Review of the RCRA corrective action, CERCLA (Superfund) remedial action, and NEPA environmental impact study programs.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5673 Understanding and Responding to Terrorism
Description: Exploration of the experience of non-state terrorism in the U.S. and Western European democracies in the late 20th century. Understanding terrorism as a political, social, and historical phenomenon; the current and future threat of terrorism, both foreign and domestic; governmental choices in responding to terrorism in democratic societies and; U.S. anti-terrorism policies and considerations that emergency responders face in preparing for and responding to terrorist incidents.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5703 ProSeminar in American Politics
Description: Overview of a wide range of classic works in American institutions and Political Behavior. It examines not only the classic works in each area of these subfields, but a sampling of current work being done in the field.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5710 Topics Seminar in American Politics
Description: In-depth examination of critical topics and issues in American Politics. May be repeated up to 6 hours with different topics. May not be used for degree credit with POLS 4000. Offered for fixed credit, 3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5713 Seminar in Public Law
Description: Literature of public law in the United States. Overview of the approaches that shape the theoretical and empirical contours of the public law field and contribute to multidisciplinary law and social science studies. May not be used for degree credit with POLS 4353.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5720 Topics in Political Science
Description: In-depth examination of critical topics and issues in Political Science. May be repeated up to 6 hours with different topics. Offered for fixed credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5743 Seminar in Political Communication
Description: Examination of recent theories within politics and the media, including effects of media on opinion, role of media as a political institution and the role of media during elections.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 5810 Seminar in Women and Politics
Prerequisites: Graduate standing.
Description: Research on a variety of topics concerning women and politics, including women's movements, women and elections, and public opinion. Offered for fixed credit, 3 credit hours, maximum of 9 credit hours.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 5943 Complex Emergencies
Prerequisites: Graduate Standing.
Description: This course examines complex emergencies from an emergency management perspective. We will look at the collapse of governance, the causes of armed conflict, food insecurity, infectious disease, natural disasters, and so on and examine specific cases in detail. Furthermore, we will look at how the international community responds to these crises, and which agencies are involved in relief efforts. We will apply the traditional four phases of disaster management these situations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

POLS 6000 Doctoral Dissertation Research
Prerequisites: Consent of major professor.
Description: Research for PhD dissertation. Offered for variable credit, 1-12 credit hours, maximum of 60 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Political Science

POLS 6013 Qualitative Methods
Prerequisites: POLS 5103.
Description: Qualitative methods for collecting and analyzing data from the social sciences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Political Science

Undergraduate Programs

- Political Science, BA (p. 1837)
- Political Science, BS (p. 1840)
- Political Science: Campaigns and Lobbying, BA (p. 1843)
- Political Science: Campaigns and Lobbying, BS (p. 1846)
- Political Science: Global Politics, BA (p. 1849)
- Political Science: Global Politics, BS (p. 1852)
- Political Science: Pre-Law, BA (p. 1855)
- Political Science: Pre-Law, BS (p. 1858)
- Political Science: Public Policy, BA (p. 1861)
- Political Science: Public Policy, BS (p. 1864)

Graduate Programs

The Department of Political Science offers a Master of Arts degree in political science.

Candidates for the Master of Arts degree in political science complete a foundation of 15 hours of study and devote their remaining hours to specialization in two of the following areas: American politics, comparative politics and international relations, with further specialization within these areas also possible. The plan is designed to prepare professional political scientists for careers in research and teaching, as well as administrative and policy positions in local, state or national government and international affairs.

For more information, go to our website polsci.okstate.edu (https://polsci.okstate.edu).

Admission Requirements for Master's Degree Programs

Any student having a bachelor's degree with an overall 3.00 grade-point average (on a 4.00 scale) may be admitted as a student in full standing. Those with less than an overall 3.00 grade-point average are considered for admission on a probationary basis. All graduate students in the MA program would benefit from completion of an undergraduate statistics class. A GRE exam score is required for the MA program.

Degree Requirements for the MA in Political Science

In addition to the general requirements of the Graduate College, requirements for the Master of Arts degree in political science are listed below.

1. A minimum of 33 credit hours in political science or closely related courses. These include:

Code	Title	Hours
Research Methods and Foundations of Political Science		
POLS 5103	Research Design	3
POLS 5013	Quantitative Methods	3
Proseminars		
POLS 5703	ProSeminar in American Politics	3
POLS 5403	ProSeminar in Comparative Politics	3
POLS 5203	ProSeminar in International Relations	3
Electives		
Select at least six hours in two of the following subfields:		12
American Politics		
Comparative Politics		
International Relations		
Select six hour thesis		6

   A minimum of 21 hours of political science graduate seminars (seminars numbered 5000 or above) is required. The student must successfully defend the thesis orally before the faculty committee.
2. Minimum 3.00 grade-point average, with only one grade of "C" allowed.

Minors

- Campaigns and Lobbying (CAML), Minor (p. 1832)
- Intelligence and Security Analysis (INSA), Minor (p. 1833)
- Law and Legal Studies (LLS), Minor (p. 1834)
- Political Science (POLS), Minor (p. 1835)

Faculty

Howard Sanborn, PhD—Professor and Department Head
Professors: Seth McKee, PhD; Jeanette Mendez, PhD; Eve Ringsmuth, PhD
Associate Professors: Danny M. Adkison, EdD; Joshua Jansa, PhD; Jason Kirksey, PhD; Stephen Nemeth, PhD; Peter Rudloff, PhD; Erica Townsend-Bell, PhD
Teaching Associate Professors: Holley Hansen, PhD
Assistant Professors: Brooke Coe, PhD; Ryan DeTamble, PhD; Stephen Graves, PhD; Cole Harvey, PhD; Joshua Landry, PhD; Christine C. Bird, PhD, JD
Emeritus Professors: Anthony E. Brown, PhD; Robert Darcy, PhD (Regents Professor); James A. Davis, PhD; Robert E. England, PhD; William J. Focht, PhD; Rebekah Herrick, PhD; Joel M. Jenswold, PhD (emeritus); James J. Lawler, PhD, JD; Robert L. Spurrier, Jr., PhD

Campaigns and Lobbying (CAML), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Vincent Burke, 201 MUR, 405-744-5569

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3513	Public Opinion and Polling	3
POLS 3533	Lobbying and the Power of Organized Interests	3
Select 9 hours of the following:		9
MC 4753	Media and Elections	
POLS 2313	Social Justice Politics (D)	
POLS 2423	Voting and Elections	
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3523	Money, Media And Politics	
POLS 3613	State and Local Government	
POLS 3953	Minorities in the American Political System (DS)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4403	Urban Politics and Management	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
SC 3443	Social Media Playbook	
SC 4013	Media and Markets	
SC 4843	Strategic Communication Campaigns	
SPCH 3733	Elements of Persuasion (S)	
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Intelligence and Security Analysis (INSA), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Vincent Burke, 201 MUR, 405-744-5569

Minimum Overall Grade Point Average: 2.50
Total Hours: 18

Code	Title	Hours
Minor Requirements		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (IS)	
POLS 4013	American Foreign Policy	3
POLS 4023	Security Analysis and Briefing	3
Select 9 hours of Option A (Approaches) & B (Topics), at least one course in each Option		9
Option A (Approaches):		
CS 1103	Computer Programming (A)	
ECON 4213	Econometric Methods	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN)	
GEOG 3333	Spatial Analysis (A)	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 4273	Land Use Science	
GEOG 4323	Mapping in Modern Society	
GEOG 4333	Remote Sensing	
POLS 3103	Introduction to Political Inquiry	
Option B (Topics):		
AERO 4103	National Security, Leadership Responsibilities and Commissioning Preparation I	
AERO 4203	National Security, Leadership Responsibilities and Commissioning Preparation II	
GEOG 3133	Political Geography (IS)	
HIST 4353	American Military History (H)	
MC 3113	Introduction to Media Effects	
MC 4153	International Mass Communication	
POLS 3033	International Law	
POLS 3493	Public Policy	
POLS 3893	Terrorism & Counterterrorism	
POLS 4000	Advanced Topics in American Politics	
POLS 4010	Advanced Topics in International Relations	
POLS 4043	Global Political Economy	
Total Hours		**18**

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Law and Legal Studies (LLS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Vincent Burke, 201 MUR, 405-744-5569

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
POLS 2023	The Individual And The Law	3
or HONR 2013	Honors Law and Legal Institutions (S)	
POLS 3983	Courts and Judicial Process (S)	3
POLS 3993	Legal Research And Analysis	3
Select 9 hours of the following:		9
AGEC 3713	Agricultural Law	
ENGR 4103	Impact of Law on Engineering Practice	
ENGR 4133	Environmental Regulation for Technical Professionals (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3843	Philosophy of Law (H)	
POLS 3033	International Law	
POLS 3963	State Courts and the Bar	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Political Science (POLS), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Vincent Burke, 201 MUR, 405-744-5569

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 15

Code	Title	Hours
Minor Requirements		
Select 15 upper-division hours to include three fields of political science (public law, American politics, public administration, political theory, comparative politics and international relations) [1]		15
American Politics		
POLS 3353	Political Parties	
POLS 3423	Voting and Elections	
POLS 3443	Pol Campaigns And Candidacy	
POLS 3453	U.S. Congress	
POLS 3483	The American Presidency	
POLS 3513	Public Opinion and Polling	
POLS 3523	Money, Media And Politics	
POLS 3533	Lobbying: the Art of Influence and Manipulation	
POLS 3683	Politics in Contemporary Film	
POLS 3953	Minorities in the American Political System (DS)	
POLS 3973	Race, Politics and Sports (D)	
POLS 4000	Advanced Topics in American Politics	
POLS 4333	Improving Democracy: How to Reform Government by the People (S)	
POLS 4623	Oklahoma Politics (S)	
POLS 4693	Gender and Politics	
Comparative Government		
POLS 3003	The Soviet Union: History, Society and Culture(IS)	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (I)	
POLS 3143	European Politics (I)	
POLS 3163	African Politics (I)	
POLS 3193	Latin American Politics (IS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4223	Social Movements	
International Relations		
POLS 3033	International Law	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4023	Security Analysis and Briefing	
POLS 4033	Civil Wars (I)	
POLS 4043	Global Political Economy	
POLS 4053	War And World Politics (I)	
POLS 4113	International Organization	
Public Law		
POLS 3963	State Courts and the Bar	
POLS 3983	Courts and Judicial Process (S)	
POLS 3993	Legal Research And Analysis	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
Public Policy/Public Administration		
POLS 3493	Public Policy	
POLS 3613	State and Local Government	
POLS 4100	Problems of Government, Politics and Public Policy	
POLS 4403	Urban Politics and Management	
POLS 4413	Government Budgeting	
POLS 4453	Public Personnel Administration	
POLS 4593	Natural Resources and Environmental Policy	
Political Theory and Methodology		
POLS 3103	Introduction to Political Inquiry	
POLS 3663	Introduction to Political Thought	
POLS 4553	American Political Thought	
POLS 4573	Democratic Theory	
POLS 4653	Contemporary Political Thought	
POLS 4670	Advanced Topics in Political Theory	
POLS 4903	Senior Capstone Seminar	
Total Hours		**15**

[1] At least 3 of the hours must be taken in a field other than American politics, public law, and public administration.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Political Science, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
Core Requirements		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
At least 21 hours of upper-division (3000- or 4000-level) POLS (excluding core requirements listed above)		21
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses		9
Hours Subtotal		**39**
Electives		
Select 19 hours		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hour		
15 hours in one foreign language recommended for students focusing on International Relations		
Hours Subtotal		**19**
Total Hours		**120**

Upper-Division POLS Courses

Code	Title	Hours
POLS 3003	The Soviet Union: History, Society and Culture(GS)	3
POLS 3033	International Law	3
POLS 3053	Introduction to Central Asia Studies (IS)	3
POLS 3090	Teaching Practicum	1-6
POLS 3100	Political Science Internship	1-6
POLS 3101	Oklahoma Intercollegiate Legislature	1
POLS 3123	Russian & Eurasian Politics (G)	3
POLS 3143	European Politics (G)	3
POLS 3163	African Politics (G)	3
POLS 3193	Latin American Politics (GS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3353	Political Parties	3
POLS 3423	Voting and Elections	3
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3453	U.S. Congress	3
POLS 3483	The American Presidency	3
POLS 3493	Public Policy	3

POLS 3513	Public Opinion and Polling	3
POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying and the Power of Organized Interests	3
POLS 3613	State and Local Government	3
POLS 3663	Introduction to Political Thought	3
POLS 3683	Politics in Contemporary Film	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 3953	Minorities in the American Political System (DS)	3
POLS 3963	State Courts and the Bar	3
POLS 3973	Race, Politics and Sports (D)	3
POLS 3983	Courts and Judicial Process	3
POLS 3993	Legal Research And Analysis	3
POLS 4000	Advanced Topics in American Politics	3
POLS 4010	Advanced Topics in International Relations	3
POLS 4013	American Foreign Policy	3
POLS 4020	Advanced Topics in Comparative Politics	3
POLS 4023	Intelligence and Security Analysis	3
POLS 4033	Civil Wars (G)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (G)	3
POLS 4100	Problems of Government, Politics and Public Policy	1-6
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy (S)	3
POLS 4353	Administrative Law	3
POLS 4363	Environmental Law And Policy	3
POLS 4403	Urban Politics and Management	3
POLS 4413	Government Budgeting	3
POLS 4453	Public Personnel Administration	3
POLS 4553	American Political Thought	3
POLS 4573	Democratic Theory	3
POLS 4593	Natural Resources and Environmental Policy	3
POLS 4623	Oklahoma Politics (S)	3
POLS 4653	Contemporary Political Thought	3
POLS 4693	Gender and Politics	3
POLS 4670	Advanced Topics in Political Theory	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4980	Advanced Topics in Public Law	3
POLS 4990	Independent Study	1-3
POLS 4993	Political Science Honors Thesis	3

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
Core Requirements		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
At least 21 hours of upper-division (3000- or 4000-level) POLS (excluding core requirements listed above)		21
Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses		9
Hours Subtotal		**39**
Electives		
Select 28 hours		28
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department. (see note 2.c.), and 7 additional upper-division hour		
15 hours in one foreign language recommended for students focusing on International Relations		
Hours Subtotal		**28**
Total Hours		**120**

Upper-Division POLS Courses

Code	Title	Hours
POLS 3003	The Soviet Union: History, Society and Culture(GS)	3
POLS 3033	International Law	3
POLS 3053	Introduction to Central Asia Studies (IS)	3
POLS 3090	Teaching Practicum	1-6
POLS 3100	Political Science Internship	1-6
POLS 3101	Oklahoma Intercollegiate Legislature	1
POLS 3123	Russian & Eurasian Politics (G)	3
POLS 3143	European Politics (G)	3
POLS 3163	African Politics (G)	3
POLS 3193	Latin American Politics (GS)	3
POLS 3223	Asian Politics	3
POLS 3313	Middle Eastern Politics	3
POLS 3353	Political Parties	3
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3453	U.S. Congress	3
POLS 3483	The American Presidency	3
POLS 3493	Public Policy	3
POLS 3513	Public Opinion and Polling	3

POLS 3523	Money, Media And Politics	3
POLS 3533	Lobbying and the Power of Organized Interests	3
POLS 3613	State and Local Government	3
POLS 3663	Introduction to Political Thought	3
POLS 3683	Politics in Contemporary Film	3
POLS 3893	Terrorism & Counterterrorism	3
POLS 3953	Minorities in the American Political System (DS)	3
POLS 3963	State Courts and the Bar	3
POLS 3973	Race, Politics and Sports (D)	3
POLS 3983	Courts and Judicial Process	3
POLS 3993	Legal Research And Analysis	3
POLS 4000	Advanced Topics in American Politics	3
POLS 4010	Advanced Topics in International Relations	3
POLS 4013	American Foreign Policy	3
POLS 4020	Advanced Topics in Comparative Politics	3
POLS 4023	Intelligence and Security Analysis	3
POLS 4033	Civil Wars (G)	3
POLS 4043	Global Political Economy	3
POLS 4053	War And World Politics (G)	3
POLS 4100	Problems of Government, Politics and Public Policy	1-6
POLS 4113	International Organization	3
POLS 4223	Social Movements	3
POLS 4333	Improving Democracy (S)	3
POLS 4353	Administrative Law	3
POLS 4363	Environmental Law And Policy	3
POLS 4403	Urban Politics and Management	3
POLS 4413	Government Budgeting	3
POLS 4453	Public Personnel Administration	3
POLS 4553	American Political Thought	3
POLS 4573	Democratic Theory	3
POLS 4593	Natural Resources and Environmental Policy	3
POLS 4623	Oklahoma Politics (S)	3
POLS 4653	Contemporary Political Thought	3
POLS 4670	Advanced Topics in Political Theory	3
POLS 4693	Gender and Politics	3
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	3
POLS 4973	U.S. Constitution: Separation of Powers	3
POLS 4980	Advanced Topics in Public Law	3
POLS 4990	Independent Study	1-3
POLS 4993	Political Science Honors Thesis	3

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Campaigns and Lobbying, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		*9*
See note 2.a.		
Natural & Mathematical Sciences		*3*
See note 2.b.		
Foreign Language		*9*
See note 3.		
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
Core Requirements		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3533	Lobbying and the Power of Organized Interests	3
POLS 3513	Public Opinion and Polling	3
12 hours from:		12
POLS 2313	Social Justice Politics (D)	
POLS 2423	Voting and Elections	
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3523	Money, Media And Politics	
POLS 3613	State and Local Government	
POLS 3953	Minorities in the American Political System (DS)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4403	Urban Politics and Management	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
12 hours of upper-division courses from POLS or any other 3000- or 4000-level course		12
Hours Subtotal		**42**
Electives		
Select 16 hours.		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hours.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.

- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

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- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
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Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3

General Education courses		9
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Campaigns and Lobbying, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Understanding Humanities-Human Heritage & Cultures (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
Core Requirements		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 3443	Pol Campaigns And Candidacy	3
POLS 3513	Public Opinion and Polling	3
POLS 3533	Lobbying and the Power of Organized Interests	3
12 hours from:		12
POLS 2313	Social Justice Politics (D)	
POLS 2423	Voting and Elections	
POLS 3100	Political Science Internship	
POLS 3353	Political Parties	
POLS 3453	U.S. Congress	
POLS 3493	Public Policy	
POLS 3523	Money, Media And Politics	
POLS 3613	State and Local Government	
POLS 3953	Minorities in the American Political System (DS)	
POLS 4223	Social Movements	
POLS 4333	Improving Democracy (S)	
POLS 4403	Urban Politics and Management	
POLS 4693	Gender and Politics	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
12 hours upper-division courses from POLS or any other 3000- or 4000-level courses.		12
Hours Subtotal		**42**
Electives		
Select 25 hours.		25
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 7 additional upper-division hours.		
Hours Subtotal		**25**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3

College and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Global Politics, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
9 hours. See note 3.		9
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
Core Requirements		
POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (GS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 4043	Global Political Economy	3
Select 12 hours from:		12
POLS 2010	Topics in International Relations (G)	
POLS 2110	Topics in Comparative Politics (G)	
POLS 3033	International Law	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (G)	
POLS 3143	European Politics (G)	
POLS 3163	African Politics (G)	
POLS 3193	Latin American Politics (GS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4113	International Organization	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4053	War And World Politics (G)	
Select 12 hours of upper-division courses.		12
Hours Subtotal		**39**
Electives		
Select 19 hours.		19
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours.		
Hours Subtotal		**19**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
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   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**

Spring		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Global Politics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
Core Requirements		
POLS 2013	Introduction to International Relations (S)	3
POLS 2113	Introduction to Comparative Politics (GS)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 4043	Global Political Economy	3
Select 12 hours from:		12
POLS 2010	Topics in International Relations (G)	
POLS 2110	Topics in Comparative Politics (G)	
POLS 3033	International Law	
POLS 3053	Introduction to Central Asia Studies (IS)	
POLS 3123	Russian & Eurasian Politics (G)	
POLS 3143	European Politics (G)	
POLS 3163	African Politics (G)	
POLS 3193	Latin American Politics (GS)	
POLS 3223	Asian Politics	
POLS 3313	Middle Eastern Politics	
POLS 3893	Terrorism & Counterterrorism	
POLS 4010	Advanced Topics in International Relations	
POLS 4013	American Foreign Policy	
POLS 4020	Advanced Topics in Comparative Politics	
POLS 4113	International Organization	
POLS 4053	War And World Politics (G)	
Select 12 hours of upper-division courses.		12
Hours Subtotal		**39**
Electives		
Select 28 hours.		28
May need to include 6 hours of a foreign language (see note 3).		
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours.		
Hours Subtotal		**28**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree

requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
	Hours	**15**

Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(See note 2.a.)		9
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
or PHIL 3003	Symbolic Logic (Q)	
(See note 2.b.)		
Foreign Languages		
(See note 3.)		9
Non-Western Studies		
(See note 2.d.)		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
A minimum of 30 hours POLS (24 hours must be upper-division).		
Requirements:		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2023	Introduction to Law and Legal Studies (S)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 3983	Courts and Judicial Process	3
POLS 3993	Legal Research And Analysis	3
Choose two courses:		6
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
15 hours of any upper-division POLS:		15
9 hours of upper-division Pre-Law courses from:		9
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 4353	Administrative Law	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	
Hours Subtotal		**48**
Electives		**10**
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**10**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3

General Education courses		13
	Hours	**16**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Pre-Law, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N) with one (L)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
(See note 2.a.)		3
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
or PHIL 3003	Symbolic Logic (Q)	
(See note 2.b.)		6
Foreign Languages		
(See note 3.)		
0-6 hours		
Upper-Division General Education		
6 hours outside major department		
(See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
A minimum of 30 hours POLS (24 hours must be upper-division).		
Requirements (21 hours):		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2023	Introduction to Law and Legal Studies (S)	3
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 3983	Courts and Judicial Process	3
POLS 3993	Legal Research And Analysis	3
Hours Subtotal		**18**
Specialized Electives		
Select two courses:		6
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
15 hours of any upper-division POLS		15
9 hours of upper-division Pre-Law courses from:		9
AGEC 3713	Agricultural Law	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
LSB 3213	Legal and Regulatory Environment of Business	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 4353	Administrative Law	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
POLS 4980	Advanced Topics in Public Law	
PSYC 4143	Psychology and Law	
SOC 4313	Sociology of Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4793	Nonverbal Communication (S)	
Hours Subtotal		**30**
Electives		
Select 19 hours.		19
May need to include 6 hours upper-division general education outside major department. See note 2.c.		

Hours Subtotal	**19**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		10
	Hours	**16**

Spring		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	or Introduction to Comparative Politics (GS)	
General Education courses		11
	Hours	**14**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
General Education courses		12
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
College and Elective courses		12
	Hours	**15**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
	Total Hours	**120**

Political Science: Public Policy, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
9 hours. See note 3.		9
Non-Western Studies		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50 with grade of "C" in each course.		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 3493	Public Policy	3
6 hours from any upper-division POLS courses		6
Select 12 hours from the following (3 hours must be POLS):		12
AGEC 2313	Case Studies in Agricultural Trade and Development	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4703	American Agricultural Policy	
AMIS 4013	American Indian Sovereignty (D)	
AMST 4103	The Death Penalty in America (S)	
ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	
ECON 3423	Public Finance	
ECON 3903	Economics of the Environment	
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
ECON 4913	Urban and Regional Economics	
GEOG 2002	Global Sustainability (N)	
MGMT 3011	Business, Government and Society	
NREM 4043	Natural Resource Administration and Policy	
POLS 2030	Topics in Public Policy & Administration	
POLS 2313	Social Justice Politics (D)	
POLS 3513	Public Opinion and Polling	
POLS 3533	Lobbying and the Power of Organized Interests	
POLS 3613	State and Local Government	
POLS 3893	Terrorism & Counterterrorism	
POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4623	Oklahoma Politics (S)	
SOC 2243	Sociology of Drugs	
SOC 3333	Policing and Society (S)	
SOC 4453	Environmental Inequality (S)	

Upper-division division courses to complete the required 39 may be POLS or any other 3000- or 4000- level courses	9
Hours Subtotal	**39**
Electives	
Select 19 hours	
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.),, and 1 additional upper-division hour	
Hours Subtotal	**19**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483 or MATH 1493 or MATH 1513 or STAT 2013 or STAT 2053	Mathematical Functions and Their Uses (Q) or Applications of Modern Mathematics (Q) or College Algebra (Q) or Elementary Statistics (Q) or Elementary Statistics for the Social Sciences (Q)	3
POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Political Science: Public Policy, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3733	Elements of Persuasion (S)	
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3.		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
POLS 2013	Introduction to International Relations (S)	3
or POLS 2113	Introduction to Comparative Politics (GS)	
POLS 2213	Fundamentals of Political Science	3
POLS 3103	Introduction to Political Inquiry	3
or POLS 3104	Course POLS 3104 Not Found	
POLS 3493	Public Policy	3
6 hours upper-division POLS courses		6
Select 12 hours from the following (3 must be POLS):		12
AGEC 2313	Case Studies in Agricultural Trade and Development	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4703	American Agricultural Policy	
AMIS 4013	American Indian Sovereignty (D)	
AMST 4103	The Death Penalty in America (S)	
ECON 2103	Introduction to Microeconomics (S)	
ECON 2203	Introduction to Macroeconomics	
ECON 3423	Public Finance	
ECON 3903	Economics of the Environment	
ECON 4113	Energy Economics: Traditional and Renewable Energy Markets	
ECON 4913	Urban and Regional Economics	
GEOG 2002	Global Sustainability (N)	
MGMT 3011	Business, Government and Society	
NREM 4043	Natural Resource Administration and Policy	
POLS 2030	Topics in Public Policy & Administration	
POLS 2313	Social Justice Politics (D)	
POLS 3513	Public Opinion and Polling	
POLS 3533	Lobbying and the Power of Organized Interests	
POLS 3613	State and Local Government	
POLS 3893	Terrorism & Counterterrorism	
POLS 4013	American Foreign Policy	
POLS 4043	Global Political Economy	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4623	Oklahoma Politics (S)	
SOC 2243	Sociology of Drugs	
SOC 3333	Policing and Society (S)	
SOC 4453	Environmental Inequality (S)	

Upper-division courses to complete the required 39 may be POLS or any other 3000- or 4000-level courses	9
Hours Subtotal	**39**
Electives	
Select 28 hours	
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 1 additional upper-division hour	
Hours Subtotal	**28**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- Minimum 2.0 GPA in all POLS courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
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- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
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POLS 1113	American Government	3
General Education courses		8
	Hours	**14**
Spring		
POLS 2013 or POLS 2113	Introduction to International Relations (S) or Introduction to Comparative Politics (GS)	3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
POLS 2213	Fundamentals of Political Science	3
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**15**
Spring		
POLS 3103	Introduction to Political Inquiry	3
1813 Second Semester Foreign Language		3
College and Elective courses		9
	Hours	**15**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
POLS 4903	Senior Capstone Seminar	3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Psychology

The student pursuing a BA or BS in psychology is provided with a background that can be of great value in personal, social, and vocational areas of life. The course of study applies the scientific method to the study of the behavior of an individual and behavior between individuals. The understanding of such material is directly related to a variety of employment opportunities. In addition, students may take advantage of opportunities to work with faculty in research or in teaching to gain additional experience. Such experiences are especially helpful to those students wishing to pursue graduate education in psychology or related fields.

A bachelor's degree in psychology is useful in a wide number of occupations in research, business, education, social services, and industry. The range of positions obtained by graduates covers almost all occupations requiring direct personal contact with other people. Some examples are supervision, training, sales, public relations and interviewing. Also included are positions with city, state and federal agencies, and in nonprofit agencies. Although there is no licensure or certification to teach psychology in schools, it is possible to earn a teaching certificate or license in social studies education with endorsement in psychology while pursuing a major in psychology. Persons interested in such teaching should contact the Office of Professional Education. (See "Professional Education Programs (http://catalog.okstate.edu/education-human-sciences/office-educator-support/)" in the "College of Education and Human Sciences (p. 2010)" section of the Catalog.)

The department also offers courses in speech communication to enhance the student's ability to effectively communicate in the interpersonal, organizational and public contexts. Both conceptual knowledge and practical application are emphasized to prepare students to begin careers in business and industry, or to enter graduate or professional schools.

Courses

PSYC 1111 Succeeding in Psychology
Description: This course will serve as a practical guide to making the most of your time as a psychology major at OSU and preparing for your work life beyond OSU, whether in graduate school or a career. You will learn about: resources that are available within the Psychology Department at OSU to help you succeed, strategies to maximize your competitiveness as a potential graduate student or future employee, and steps to take as you plan for your career after graduation.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 1113 Introductory Psychology (S)
Description: Principles, theories, vocabulary and applications of the science of psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, Individ Study Tuition and fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

PSYC 2313 Psychology of Adjustment
Prerequisites: PSYC 1113.
Description: This course provides an introductory examination of the applied psychological theory and research concerning mental health and well-being. Subjects include stress and coping, identity, gender, personal growth, communication, interpersonal relationships, psychological disorders and treatment, and career issues. This course was previously taught as Psychology and Human Problems.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 2443 Clinical Child Psychology
Prerequisites: PSYC 1113 with grade of "C" or better.
Description: This course will present information from empirical research, key theories, and concepts that shape the current understanding of developmental psychopathology, and clinical child and adolescent psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 2583 Developmental Psychology (S)
Prerequisites: PSYC 1113.
Description: The nature of pertinent studies, causes, and theories of human developmental phenomena across the life span. Course previously offered as PSYC 3583.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 2593 Psychology of Human Sexuality
Prerequisites: PSYC 1113.
Description: Survey of behavioral, personality and psychophysiological components of human sexuality, with special emphasis on the delineation of facts from sexual myths.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 2743 Social Psychology (S)
Prerequisites: PSYC 1113.
Description: Theories and applications of social cognition, the self, pro-social and aggressive behavior, groups, attitudes and the environment. Course previously offered as PSYC 3743.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 2890 Honors Experience in Psychology
Prerequisites: Honors Program participation and concurrent enrollment in a designated PSYC course.
Description: A supplemental Honors experience in Psychology to partner concurrently with designated Psychology course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Honors Credit

PSYC 3003 Data Analysis with Observation Oriented Modeling
Prerequisites: PSYC 3214 and 3 hours MATH or STAT designated "A."
Description: Students will learn a suite of nonparametric analysis techniques (Observation Oriented Modeling) that are simple to use, easy to understand, and designed for data collected in the social and life sciences. Measurement, causal modeling, and the history of modern statistical methods of data analysis will also be covered in this course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3013 Psychology of Motivation
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: Examines the initiation, persistence and achievement of goal-directed behavior. Theory, research and applications of these concepts are emphasized.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3033 Psychology of Humor (S)
Prerequisites: PSYC 1113.
Description: The course will examine theoretical perspective on the topic of humor, including cross-cultural and individual a well as the development of humor.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 3053 Psychology of Art (S)
Prerequisites: PSYC 1113.
Description: The course will examine psychological approaches to the understanding of how art is experienced and produced. The course will examine all forms of art, including visual art, music, sculpture, and other forms of artistic expression.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 3073 Neurobiological Psychology (N)
Prerequisites: PSYC 1113.
Description: Neural bases of human experience and behavior. Topics include sensation and perception, motivation and emotion, learning and thinking.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Natural Science Reasoning

PSYC 3113 Comparative Psychology (N)
Prerequisites: PSYC 1113.
Description: Comparative study of behavior characteristics of selected samples of the animal kingdom from protozoa to humans. Topics include the history of comparative psychology, how to design a comparative experiment, and the importance of comparative psychology in our daily lives.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Natural Science Reasoning

PSYC 3120 Special Topics in Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: Special topics in psychology to be determined by faculty. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 3173 Introduction to Cognitive Science (N)
Description: Introduction to the study of human and artificial intelligence. The course will survey contributions to the understanding of intelligence from psychology, neuroscience, computer science, philosophy, and linguistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Natural Science Reasoning

PSYC 3214 Statistical Methods in Psychology
Prerequisites: PSYC 1113, and either MATH 1483 or MATH 1513 or higher, or STAT 2013 or higher, with a grade of "C" or higher in one of the prerequisite math or statistics courses.
Description: Evaluation of research in psychology including scales of measurement and quantitative/statistical procedures for data analysis and inference. Course will cover descriptive statistics and inferential statistics with emphasis on procedures used in the psychological sciences.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Psychology

PSYC 3343 Black Psychology (DS)
Prerequisites: PSYC 1113.
Description: Students will gain an understanding of the psychology of African Americans drawing upon African and American cultures and perspectives. The course will cover the foundations of African American psychology, African philosophy, Africentric psychology, intrapersonal and interpersonal topics such as family and community, peers and friends, racial identity, and select social issues among African Americans such as physical and mental health, education, racism, and employment. Same course as AFAM 3343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Diversity, Society & Human Behavior

PSYC 3413 Social Cognition & Behavior; Mating, Morality, & other Mysteries
Prerequisites: PSYC 1113 and PSYC 2743 and 3 hours MATH or STAT designated "A."
Description: We investigate advanced topics in social psychology dealing with social cognition, perception, and interpersonal behavior (e.g., cooperation, friendship, mating aggression), with special emphasis on cutting-edge theoretical approaches and understanding the processes of critically consuming and generating social psychological research. Previously taught as Psychology of Social Behaviors.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3443 Psychopathology (S)
Prerequisites: PSYC 1113.
Description: This course will examine the major psychological disorders, their causes, and how they are treated. The primary focus will be on the description of adult disorders and theories of etiology/treatment. Previously offered as Abnormal Psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 3513 Psychology of Learning
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: Behavior change as a function of experience from relatively simple learning processes such as classical and instrumental conditioning to relatively complex processes such as verbal learning and concept identification.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3713 Psychology of Memory
Prerequisites: PSYC 1113 and three additional hours of psychology and 3 hours MATH or STAT designated "A."
Description: An overview of scientific research on human memory including how memory operates in daily life, how memory changes as we age, why we do not remember much of our early childhood, memory disorders, and eyewitness memory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3823 Cognitive Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: Cognitive processes. Thinking, problem solving, visual imagery, attention, and memory search. Both theory and application emphasized.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3883 Positive Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: This course focuses on the positive side of human nature and the most effective ways to pursue the good life by examining scientific research centered on the nature of happiness and psychological well-being.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 3890 Advanced Honors Experience in PSYC
Prerequisites: Honors Program participation and concurrent enrollment in a designated PSYC course.
Description: A supplemental Honors experience in Psychology to partner concurrently with designated upper-division PSYC course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Honors Credit

PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology
Prerequisites: PSYC 1113 and PSYC 3214 with a grade of "C" or better, and 3 hours MATH or STAT designated "A."
Description: Examination of fundamentals of the scientific method as applied to research in psychology. Research design, sampling, measurement, analytical, evaluative, and interpretive skills needed to understand the professional research literature. Includes a laboratory component in which students conduct research, use SPSS for data analysis, and write APA style papers.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Psychology

PSYC 3990 Teaching Practicum
Prerequisites: Consent of instructor.
Description: For outstanding students. Students will work with a faculty instructor and assist in many aspects of teaching including guest lecturing, offering study sessions, office hours, among other duties as determined by instructor. May involve meetings and written papers. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 4013 Introduction to Pediatric Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: Pediatric psychology is a dynamic subspecialty that involves promotion of children's health and delivery of psychological services to children with both acute and chronic illnesses. This course provides an introduction to the field of pediatric psychology, including historical perspectives, theoretical models and underpinnings, roles of the pediatric psychologist in a number of hospital and clinic settings, and psychosocial interventions with a variety of childhood chronic illnesses and diseases. In addition, this course covers the empirical knowledge base for public health, injury prevention, pain management, consultation and liaison work, as well as general assessment and intervention in medical contexts for children with a variety of health-related issues.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4023 Evolutionary Psychology (N)
Prerequisites: PSYC 1113
Description: Evolutionary psychology is the scientific study of human nature that focuses on understanding the psychological adaptations that evolved to solve ancestral survival and reproductive problems. The course begins with a brief historical review of key themes in psychology and evolutionary biology. The adaptive problems of survival, long-term mating, sexuality, parenting, kinship, cooperation, aggression and warfare, conflict between the sexes, status, prestige, and social dominance are covered in the course.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Natural Science Reasoning

PSYC 4073 Principles of Neuroscience
Prerequisites: BIOL 1114 or (BIOL 1113 or BIOL 1111) and either (CHEM 1215, CHEM 1314, or CHEM 1414).
Description: Neuroscience is an interdisciplinary field focused on understanding the structure and function of the brain, spinal cord, and peripheral nervous system. This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as BIOL 4073. May not be used for degree credit with BIOL 5073 or PSYC 5073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4123 Psychology of Women (DS)
Prerequisites: PSYC 1113.
Description: This course examines the biological, psychological and sociocultural factors influencing behavior, cognition, and affect in the lives of women.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Diversity, Society & Human Behavior

PSYC 4143 Psychology and Law
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: The new psycho-legal literature reviewed with emphasis on the psychological basis of voir dire, eyewitness behavior, courtroom persuasion, jury deliberation and mental health issues.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4153 Psychology and Mass Media
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: Examination of the role of mass media in shaping public perceptions of mental illness and mental health treatment with a focus on the role of popular films. Students will learn to critically evaluate the veracity of film portrayals as well as common themes involving mental health. Also, aspects of social and cognitive psychology in film.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4163 Psychology of Prejudice and Discrimination (D)
Prerequisites: PSYC 1113.
Description: Explores the nature and causes of stereotyping, discrimination and minority experience, mainly from a social psychological perspective. Examines how these issues impact social group members, especially members of low status or minority groups.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Diversity

PSYC 4183 Issues in Clinical Psychology
Prerequisites: PSYC 1113 and three additional hours of psychology and 3 hours MATH or STAT designated "A."
Description: An in-depth look at clinical psychology including the role of science in clinical psychology, specialty areas in the discipline, and major therapy approaches. Also examines clinical psychology as a profession and applying to graduate school in clinical psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4213 Conflict Resolution (S)
Prerequisites: PSYC 1113.
Description: Interpersonal conflict studied from psychological perspectives. Types and uses of conflict, and conditions for constructive dispute settlement.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 4223 Decision Making and Problem Solving
Prerequisites: PSYC 1113 or consent of instructor and 3 hours MATH or STAT designated "A."
Description: An examination of the research literature on individual decision-making and problem solving with dual emphases on theory and application. A thorough prior understanding of the human cognitive system is desirable, but not required. May not be used for degree credit with PSYC 5293.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4243 Psychology of Aging
Prerequisites: PSYC 1113 or consent of instructor and 3 hours MATH or STAT designated "A."
Description: This course aims to increase your understanding of the human aging process through traditional classroom experiences focusing on knowledge of the physical, cognitive, and social changes that are part of late adulthood. Additionally, students will learn more actively by working with older adults who are living in our community. Our overall goal is to enhance our understanding of the psychology of aging by integrating our classroom-acquired knowledge with our community service experiences. May not be used for degree credit with PSYC 5243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4263 Affective Neuroscience
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: This course will examine biological mechanisms underlying emotions. Topics include basic theories of emotion, the neural circuits associated with emotion generation, as well as related cognitive processes. May not be used for degree credit with PSYC 5663.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4283 Health Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: This course will explore the interplay between psychology and health, including the psychological impact of illness, psychological contributions to illness and wellness, health behaviors, and psychological interventions to improve health and healthcare.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4293 Forensic Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: This course provides an introduction to forensic psychology, the relationship between psychology and law. The course examines five subspecialties of forensic psychology including associated careers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4333 Personality
Prerequisites: PSYC 1113 or consent of instructor and 3 hours MATH or STAT designated "A."
Description: Basic assumptions, research, and clinical issues relating to the major personality theories. May not be used for degree credit with PSYC 5533.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4343 Language Development (S)
Prerequisites: PSYC 1113 or consent of instructor.
Description: Current theory and research on the development of language throughout the lifespan. The nature of language, first language acquisition, second and third language acquisition, brain and language, language processing, social aspects of language, gender differences in language use and language processing, language use by older adults, language use directed at older adults, language disorders, and language use in special populations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 4353 History of the Human Soul
Prerequisites: 3 hours MATH or STAT designated "A."
Description: Psychology literally means the study of the soul, and in this course students will explore the history of the human soul from antiquity to modern times. Students will read selections from various literary figures, scholars, and philosophers, such as Oscar Wilde, Victor Frankl, Plato, Aristotle, and St. Thomas Aquinas. Modern psychological theories will then be explored and discussed in light of these works.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4483 Psychology of Parent Behavior (S)
Prerequisites: PSYC 1113.
Description: Historical and contemporary conceptions of parent-child relationship and approaches to communication and discipline; special problems in parenting.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

PSYC 4493 History of Psychology
Prerequisites: PSYC 1113 and 3 hours MATH or STAT designated "A."
Description: History of psychology as an aspect of European intellectual history. Psychological thought from early philosophical roots to modern conceptions of psychology as a science. Topics include the contribution of under-represented groups to psychology and the role of non-European contributions to psychological thought and the solution to practical problems. May not be used for degree credit with PSYC 5493.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4633 Psychology of Sport and Human Performance
Prerequisites: PSYC 1113 and 3 hours hours MATH or STAT designated "A."
Description: This course will explore psychological issues related to sport and human performance, including performance enhancement, stress and arousal, motivation, leadership, and coping with injury and retirement.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4770 Undergraduate Senior Thesis
Prerequisites: PSYC 1113, PSYC 3214, PSYC 3914, junior or senior standing and consent of instructor.
Description: The thesis is an empirical study that results in a manuscript conforming to APA style. It should contain a literature review that informs specific hypothesis, as well as method, results, discussion, and reference sections. The results section of the manuscript is typically based on data collected by the student, but it is also acceptable for it to stem from an original analysis of an archival dataset. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 4813 Psychological Testing
Prerequisites: PSYC 1113 and PSYC 3214 and 3 hours MATH or STAT designated "A."
Description: Quantitative aspects of measurement and testing, with emphasis on scaling, standardization, reliability and validity. Basic principles of construction and the ethics of use.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4880 Senior Honors Thesis
Prerequisites: PSYC 1113, PSYC 3214, PSYC 3914, departmental invitation, senior standing.
Description: The thesis is an empirical study that results in a manuscript conforming to APA style. It should contain a literature review that informs specific hypothesis, as well as method, results, discussion, and reference sections. The results section of the manuscript is typically based on data collected by the student, but it is also acceptable for it to stem from an original analysis of an archival dataset. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology
General Education and other Course Attributes: Honors Credit

PSYC 4883 Current Issues in Psychology
Prerequisites: PSYC 3214, PSYC 3914 and 3 hours MATH or STAT designated "A."
Description: A capstone course examining current issues in psychology, their relationship to current issues in other academic disciplines, and their relevance in an educated society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

PSYC 4990 Research Practicum
Prerequisites: PSYC 1113, PSYC 3214 and consent of instructor.
Description: Supervised research experiences in psychology with a faculty member. May involve meetings and written paper(s). Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 5000 Thesis
Description: Required of all graduate students majoring in psychology and writing a thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 5073 Principles of Neuroscience
Description: This course examines foundational theories and principles related to the neural mechanisms controlling physiological processes and behavior. Topics covered include cellular neurobiology, neuronal signaling, neural development and plasticity, comparative neuroanatomy, and neurobiology of complex brain functions such as sensory processing, arousal, emotions, learning, and memory. Previous coursework in physiology recommended. Same course as BIOL 5073 and BIOM 5983. May not be used for degree credit with BIOL 4073 or PSYC 4073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5113 Psychopathology
Prerequisites: Graduate standing in psychology or consent of instructor.
Description: Principles of diagnosis and treatment of major disorders.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5120 Psychology Workshop
Description: Provides an opportunity to study specific psychological problems, both applied and theoretical. Offered for variable credit, 2-6 credit hours, maximum of 6 credit hours.
Credit hours: 2-6
Contact hours: Contact: 2-6 Other: 2-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 5153 Cognitive Assessment
Prerequisites: Graduate standing in the clinical program of the Department of Psychology or consent of instructor.
Description: Issues of psychological testing and assessment, psychometric theory, and ethics of testing as well as fundamental skills of cognitive and intellectual assessment, including administration, scoring, and interpretation of cognitive tests and report writing. Application of cognitive tests to specific clinical problems.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Psychology

PSYC 5190 Ethics and Professional Development in Psychology
Prerequisites: Graduate standing in the Department of Psychology.
Description: Professional development, ethics, and legal issues relevant to teaching, research, and clinical practice of psychology. Previously offered as PSYC 5193. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5233 Introduction to Clinical Methods
Prerequisites: Consent of instructor.
Description: Introduction to a variety of topics relevant to clinical psychology training and professional development. Course will provide a foundation for subsequent training experiences. A special emphasis is placed upon developing the common therapy skills that will form a foundation for future clinical training experiences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5243 Psychology of Aging
Prerequisites: Consent of instructor.
Description: This course aims to increase your understanding of the human aging process through traditional classroom experiences focusing on knowledge of the physical, cognitive, and social changes that are part of late adulthood. Additionally, students will learn more actively by working with older adults who are living in our community. Our overall goal is to enhance our understanding of the psychology of aging by integrating our classroom-acquired knowledge with our community service experiences. May not be used for degree credit with PSYC 4243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5293 Decision Making and Problem Solving
Prerequisites: Consent of instructor.
Description: An examination of the research literature on individual decision-making and problem solving with dual emphases on theory and application. A thorough prior understanding of the human cognitive system is desirable, but not required. May not be used for degree credit with PSYC 4223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5304 Quantitative Methods in Psychology I
Description: Hypothesis testing, chi-square, student's t, bivariate correlation and linear regression in psychology. Critical thinking regarding the application of statistical methods is stressed. The use of contemporary statistical software for analyses is covered. Course previously offered as PSYC 5303.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Psychology

PSYC 5314 Quantitative Methods in Psychology II
Prerequisites: PSYC 5304.
Description: Higher-order analysis of variance designs, correlation and regression techniques, and analysis of covariance, with emphasis on applications to psychological experimentation. Computer applications of all procedures using SPSS and/or SAS during the lab. Course previously offered as PSYC 5313.
Credit hours: 4
Contact hours: Lecture: 3 Lab: 2 Contact: 5
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Psychology

PSYC 5333 Systems of Psychotherapy
Prerequisites: PSYC 5113; graduate standing in the clinical program of the Department of Psychology or consent of instructor.
Description: The major approaches to psychotherapy. Methods for creating multiple impact for behavioral change, including interpersonal, social, community and preventative interventions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5380 Research
Prerequisites: Consent of instructor.
Description: Research project on some psychological problem. Offered for variable credit, 1-12 credit hours, maximum of 24 credit hours.
Credit hours: 1-24
Contact hours: Contact: 1-24 Other: 1-24
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 5493 History of Psychology
Description: History of psychology as an aspect of European intellectual history. Psychological thought from early philosophical roots to modern conceptions of psychology as a science. Topics include the contribution of under-represented groups to psychology and the role of non-European contributions to psychological thought and the solution to practical problems. May not be used for degree credit with PSYC 4493.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5533 Personality
Prerequisites: Consent of instructor.
Description: Basic assumptions, research, and clinical issues relating to the major personality theories. May not be used for degree credit with PSYC 4333.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5620 Seminar in Psychology
Prerequisites: Consent of instructor.
Description: Consideration of special topics that are particularly timely or technical in nature. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 5660 Teaching Practicum
Prerequisites: Consent of instructor.
Description: Primarily for graduate students with well-defined new teaching responsibilities. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.
Credit hours: 1-2
Contact hours: Lecture: 1-2 Contact: 1-2
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5663 Affective Neuroscience
Description: This course will examine biological mechanisms underlying emotions. Topics include basic theories of emotion, the neural circuits associated with emotion generation, as well as related cognitive processes. May not be used for degree credit with PSYC 4263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5813 Lifespan Cognitive Developmental Psychology
Prerequisites: Consent of instructor.
Description: Examines theory and basic research related to the age-related changes in human cognition that occur for a typically developing individual during infancy, childhood, early adulthood, middle age and late adulthood.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5823 Cognitive Processes
Description: Theory and experimental research findings dealing with human thought processes from a developmental and functional standpoint.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 5913 Lifespan Social Developmental Psychology
Prerequisites: Consent of instructor.
Description: Examines theory and basic research in social, emotional, and personality development in infancy, childhood, adolescence, and adulthood.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6000 Dissertation
Description: Research and report thereon by graduate students in partial fulfillment of requirements for the Doctor of Philosophy degree. Offered for variable credit, 1-16 credit hours, maximum of 60 credit hours.
Credit hours: 1-16
Contact hours: Contact: 1-16 Other: 1-16
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 6083 Principles of Evidence-Based Psychological Treatment
Prerequisites: Graduate standing in the clinical program of the Department of Psychology or consent of instructor.
Description: Principles and procedures of evidence-based psychological treatments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6133 Ethnic and Cultural Diversity in Psychotherapy
Prerequisites: Six credit hours of psychology and consent of instructor.
Description: Increasing understanding and appreciation of ethnic and cultural diversity in the psychotherapy context. Critical examination of theory and research related to psychotherapy with multicultural populations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6143 The Psychology of Substance Abuse
Prerequisites: Consent of instructor.
Description: Introduction to psychological classification of psychoactive substance (alcohol and drug) use disorders. Theory and research on psychological, biological, and environmental factors that are concomitants of substance abuse. Overview of major research techniques and treatment modalities in this area.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6173 Child Psychopathology and Treatment
Prerequisites: Graduate standing in the clinical program of the Department of Psychology, the doctorate school psychology program or the psychometry program, or consent of instructor.
Description: Theoretical positions and issues in child psychopathology. Procedures used in the treatment of psychological disorders of children.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6223 Research Design
Description: Experimental techniques in psychophysics, sensory processes, attention and perception, motivation and emotion, and learning and memory.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6233 Clinical Research Design
Prerequisites: PSYC 5304 and PSYC 5314 or consent of instructor.
Description: Methodology and research practices in clinical psychology, including experimental design, research practice, data analysis and interpretation, ethics, and dissemination of research findings.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6253 Seminar in Human Development
Prerequisites: Consent of instructor.
Description: Behavioral aspects of development from the prenatal period to senescence. Normal development contrasted to exceptional development.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6353 Psychology of Motivation
Description: Outline of theory and research in human and animal motivation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6393 Language Development
Description: Review of data and theories of language development. Laboratory techniques and experimental designs will also be reviewed to emphasize understanding of past and contemporary research in language.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6413 Evidence Based Assessment and Therapy
Prerequisites: Graduate standing in the clinical program of the Department of Psychology or consent of instructor.
Description: This course is designed to enhance students' historical, theoretical, empirical, and technical understanding of evidence-based psychological treatments and introduce clinical psychology graduate students to issues and skills relevant for psychodiagnostic and personality assessment. The scope of this course will be limited to assessments and treatments typically delivered to adults seen in an outpatient setting, as well as the historical context of assessment and psychological treatment, research evidence, and descriptions and demonstrations of techniques. No credit for PSYC 6083 or PSYC 6753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6443 Behavioral Medicine
Prerequisites: Graduate standing in the clinical program of the Department of Psychology; consent of instructor.
Description: An advanced graduate course for students in training for a PhD in clinical psychology. General considerations for psychophysiological disorders, general intervention strategies in behavioral medicine, including biofeedback and specific consideration and intervention strategies for specific disorders.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6453 Pediatric Psychology
Prerequisites: Graduate standing in the Department of Psychology; consent of instructor.
Description: Overview of the field of pediatric psychology, including historical perspectives, theoretical underpinnings, and application to a variety of child health problems. Childhood chronic illness, injury prevention, pain management, and consultation and intervention in medical contexts.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6483 Neurobiological Psychology
Prerequisites: PSYC 3073 and PSYC 3914 or consent of instructor.
Description: Physiological, neuroanatomical, and neurochemical underpinnings of human behavior. Emphasis on effects of central nervous system dysfunctions on behavioral processes ranging from sensation to concept formation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6523 Family Treatment Methods
Prerequisites: Graduate standing in the clinical program of the Department of Psychology or the doctorate counseling psychology program.
Description: Introduction to techniques and philosophies of family treatment. Includes marital counseling and emphasis on family dynamics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6543 Stereotyping, Prejudice, and Discrimination in Social Cognition
Prerequisites: Consent of Instructor.
Description: In this course we will investigate the social and cognitive processes and implications of stereotyping, prejudice, and discrimination (SPD). We will consider such questions as: What are the psychological and material costs of SPD - both for targets and those who hold them? Where do our stereotypes and prejudices come from, and what functions might they serve? How do perceptions, attention, and memory shape - and get shaped by - SPD?
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6563 Advanced Social Psychology
Description: History, theory and experimentation of dynamic interaction of group membership and individual behavior.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6583 Developmental Psychobiology
Prerequisites: Consent of instructor.
Description: An exploration of the biological aspects of human development with particular emphasis on the physiological, ethological, and genetic perspectives.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6593 Evolutionary Social Science
Prerequisites: Consent of Instructor.
Description: Evolutionary social science (ESS) is an interdisciplinary topic. This course will introduce you to ESS, which includes evolutionary psychology, human behavioral ecology, and cultural evolution. The course goal is to introduce you to evolutionary approaches to investigating human social cognition and behavior.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6613 Experimental Learning Theories
Prerequisites: Nine credit hours of psychology.
Description: Basic concepts and empirical findings in animal and human learning.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6640 Clinical Practicum
Prerequisites: Graduate standing in the clinical program of the Department of Psychology.
Description: Practicum experience for graduate students in the clinical psychology program. Offered for variable credit, 1-12 credit hours, maximum of 17 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 6643 Psychopharmacology
Prerequisites: Consent of instructor.
Description: A comprehensive course dealing with the various classes of drugs that affect the central nervous system. Primary focus is on clinical research with humans. Covers topics ranging from drug-receptor interactions through substance abuse and behavioral disorders.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6650 Practicum
Prerequisites: Graduate standing in the clinical program of the Department of Psychology.
Description: For the marriage and family practicum only, doctoral level counseling psychology students may also enroll. Practicum experience for graduate students in the clinical program of the Department of Psychology who are doing supervised practicum in specific clinical areas of specialization. Offered for variable credit, 1-16 credit hours, maximum of 16 credit hours.
Credit hours: 1-16
Contact hours: Contact: 1-16 Other: 1-16
Levels: Graduate
Schedule types: Independent Study
Department/School: Psychology

PSYC 6723 Child Diagnostic Methods
Prerequisites: PSYC 5153, graduate standing in the clinical program in psychology or the doctoral school psychology program or consent of instructor.
Description: Administration and interpretation of diagnostic instruments used specifically with children.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6753 Assessment of Personality
Prerequisites: Graduate standing in the clinical program or consent of instructor.
Description: Personality assessment and training in the practice of clinical assessment. Trait theory and assessment, techniques of test construction, contemporary assessment techniques including the MMPI-2, test result interpretation and communication, and behavioral methods of assessment.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6813 Multivariate Statistics for Psychology
Prerequisites: PSYC 5304 and 5314 or permission of instructor.
Description: A variety of multivariate statistical methods are covered with emphasis on their application to psychological research. Factor analysis, MANOVA, CANONA, Generalized Procrustes Analysis, as well as other topics are covered. Matrix algebra is also reviewed, and the geometric approach to multivariate statistics is introduced.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6913 Multilevel Modeling in Psychology
Prerequisites: PSYC 5304 and 5314; or permission of instructor.
Description: Trains students in the theory and application of multilevel models for nested and repeated measures data in psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

PSYC 6990 Advanced Internship in Clinical Psychology
Description: Graduate standing in the clinical psychology program or consent of instructor. Designed to provide advanced clinical training in preparation for receipt of the Ph.D. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Lecture: 1-6 Contact: 1-6
Levels: Graduate
Schedule types: Lecture
Department/School: Psychology

SPCH 2713 Introduction to Speech Communication (S)
Description: The practical and theoretical examination of the process of human communication involving a variety of contexts, including interpersonal relationships, small group discussions, and public speaking performances.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour, Cowboy Concur OL Res Tuition fee of $189.10 per credit hour, and STW HS Concurrent Enroll Tuit fee of $189.10 per credit hour apply.

SPCH 2890 Honors Experience in Speech
Prerequisites: Honors Program participation and concurrent enrollment in a designated SPCH course.
Description: A supplemental Honors experience in Speech Communication to partner concurrently with designated SPCH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Honors Credit

SPCH 3703 Small Group Communication
Description: General systems approach to small group processes. Special consideration given to group roles, norms, leadership and decision-making. Participation in various types of discussion groups.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

SPCH 3723 Business and Professional Communication
Description: Oral communication encounters in business and professional settings. The interview, informative briefing, talking-paper, small group interaction and informative, integrative and persuasive speeches.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

SPCH 3733 Elements of Persuasion (S)
Description: An examination of current theory and research relevant to the process of persuasion and social influence in interpersonal, small group, mass media, and public settings. Includes a discussion of the practical implications of effective and ineffective persuasive strategies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

SPCH 3743 Advanced Public Speaking
Description: The preparation and delivery of various types of public speeches.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

SPCH 3793 Communication in Interviews
Description: General principles of interviewing. Specific guidelines for the interviewer in survey, journalistic, counseling, selection, appraisal, legal, medical, and sales interviews.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

SPCH 3890 Advanced Honors Experience in Speech
Prerequisites: Honors Program participation and concurrent enrollment in a designated SPCH course.
Description: A supplemental Honors experience in Speech Communication to partner concurrently with designated upper-division SPCH course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Honors Credit

SPCH 4010 Independent Study in Speech Communication
Prerequisites: Consent of instructor.
Description: Supervised research projects in speech communication. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology

SPCH 4710 Topics in Speech Communication
Description: Selected current topics in speech communication. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Psychology

SPCH 4743 Problems of Interpersonal Speech Communication
Description: Application of communication theory to interactions in person-to-person settings. Identification and management of barriers related to the concepts of perception, attraction, self-disclosure, listening and conflict.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

SPCH 4753 Intercultural Communication (G)
Description: Social and cultural differences between individuals from diverse backgrounds as possible barriers to effective communication.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: International Dimension

SPCH 4763 Organizational Communication
Description: The interface between communication theory and organizational structure. Nature of communication problems in organizations, strategies for overcoming such problems and the design of effective communication systems in organizational settings.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology

SPCH 4793 Nonverbal Communication (S)
Description: The study of current theory and research relevant to nonverbal behavior in interpersonal and professional relationships. Includes an examination of various nonverbal codes (e.g., body language, facial expressions) and the functions of nonverbal behavior (e.g., emotional expression, deception).
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Psychology
General Education and other Course Attributes: Society & Human Behavior

Undergraduate Programs

- Psychology, BA (p. 1885)
- Psychology, BS (p. 1889)
- Psychology: Business Essentials, BA (p. 1892)
- Psychology: Pre-Law, BA (p. 1895)
- Psychology: Pre-Med, BS (p. 1899)
- Psychology: Pre-Occupational Therapy, BS (p. 1902)
- Psychology: Pre-Physical Therapy, BS (p. 1905)

Graduate Programs

Employment in the professional field of psychology requires a graduate degree. Psychologists with advanced degrees have exclusive claim to some professional positions.

The Department of Psychology offers two programs of study leading to the degree of Doctor of Philosophy, one in Clinical Psychology and one in Experimental Psychology. Students applying for the doctoral degree should have the following prerequisites: introductory psychology, quantitative psychology, experimental psychology, history and systems. Abnormal psychology is recommended for students applying to the clinical program.

Students in the doctoral program first work toward a Master of Science degree. In addition to meeting the general requirements of the Graduate College, for completion of the Master of Science, students must also:

1. Complete two semesters of quantitative psychology along with other course credits totaling 30 credit hours.
2. Complete a thesis project, supervised and reviewed by appropriate faculty members.

Following the completion of requirements, the student may be admitted to doctoral status in Clinical Psychology or Experimental Psychology.

Minors

- Cognitive Science (CSCI), Minor (p. 1881)
- Communication Studies (CMST), Minor (p. 1882)
- Neuroscience (NEUR), Minor (p. 1883)
- Psychology (PSYC), Minor (p. 1884)
- Speech Communication (SPCH), Minor (p. 1908)

Faculty

Amanda Baraldi, PhD—Associate Professor and Interim Head
Regents Professors: Charles I. Abramson, PhD; John M. Chaney, PhD; Amanda S. Morris, PhD
Professors: Jennifer Byrd-Craven, PhD; Christina Duncan, PhD; DeMond Grant, PhD; James W. Grice, PhD; Shelia Kennison, PhD; Thad Leffingwell, PhD; Kenneth Sewell, PhD; Stephanie N. Sweatt, PhD; Tony Wells, PhD; LaRicka Wingate, PhD
Associate Professors: Lucia Ciciolla, PhD; Ashley Cole, PhD; Celinda Reese-Melancon, PhD
Assistant Professors: Lauren Bailes, PhD; Sayuri Hayakawa, PhD; Kara Kerr, PhD; Daniel Sznycer, PhD; Chi-Lin Yu, PhD; Dian Yu, PhD
Teaching Associate Professors: Angie Andrade, PhD; Evan Jordan, PhD; Jennifer Labrecque, PhD; Joanna Shadlow, PhD, Kathryn Weinland, PhD

Cognitive Science (CSCI), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Shelia Kennison, 219 Psychology, 405-744-7335

Total Hours: 27

Code	Title	Hours
Minor Requirements		
Select 27 hours from at least three disciplinary areas:		27
CS 1013	Computer Science Principles	
CS 1103	Computer Programming (A)	
CS 1113	Computer Science I (A)	
CS 2133	Computer Science II	
CS 2433	C/C++ Programming	
CS 3353	Data Structures and Algorithm Analysis I	
CS 3363	Organization of Programming Languages	
CS 3443	Computer Systems	
CS 3613	Theoretical Foundations of Computing	
CS 4173	Video Game Development	
CS 4183	Video Game Design	
CS 4243	Introduction to Computer Security	
CS 4743	Extended Reality	
CS 4793	Artificial Intelligence I	
CS 4883	Social Issues in Computing	
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2443	Languages of the World (I)	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
ENGL 4033	Discourse Analysis	
ENGL 4043	Teaching English to Speakers of Other Languages	
ENGL 4080	Studies in Linguistics	
ENGL 4083	Applied Linguistics	
ENGL 4093	Language in America (DS)	
ENGL 4143	Language and Technology	
MSIS 2103	Business Data Science Technologies	
MSIS 3243	Descriptive Analytics	
MSIS 3333	Database Systems Development	
MSIS 4003	Systems Analysis and Design	
MSIS 4133	Information Technologies for Electronic Commerce	
MSIS 4243	Digital Forensics and Incident Response	
MSIS 4253	System Certification and Accreditation	
MSIS 4263	Business Intelligence and Predictive Analytics	
MSIS 4523	Infrastructure Development	
PHIL 3003	Symbolic Logic (A)	
PHIL 3553	Philosophy of Dreams (H)	
PHIL 3783	Ethics of Artificial Intelligence (H)	
PHIL 4003	Mathematical Logic and Computability	
PHIL 4313	Philosophy of Mind (H)	
PHIL 4543	Philosophy of Language	
PHIL 4723	Philosophy of Psychology (H)	
PHIL 4733	Philosophy of Biology (H)	
PHIL 4983	Knowledge and Reality	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4243	Psychology of Aging	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
PSYC 4990	Research Practicum	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4753	Intercultural Communication (I)	
SPCH 4793	Nonverbal Communication (S)	
Total Hours		**27**

Other Requirements

- No more than twelve hours with the same prefix.
- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Communication Studies (CMST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Caitlin Shelton Justice, 213 LSE, 405-744-5658

Minimum grade and/or GPA: 2.0 GPA and no grade below "C."
At least one 3000- or 4000-level course must be selected from at least two or three categories (minimum of two 3000- or 4000-level courses overall).
Total Hours: 18

Code	Title	Hours
Course Requirements		
English		
Select six hours from the following:		6
ENGL 2233	Writing as a Profession (H)	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
ENGL 4530	Studies in Professional Writing (Prerequisites: six credit hours of English)	
ENGL 4543	Style and Editing	
ENGL 4553	Visual Rhetoric and Design	
ENGL 4583	Writing for the Public	
Mass and Strategic Communications		
Select six hours from the following:		6
MC 1143	Media in a Diverse Society (DS)	
MC 2023	Electronic Communication (Prequisite: ENGL 1213 or ENGL 1223 or ENGL 1413 with a grade of "C" or better. Departmental majors only - waived for students enrolled in Minor/Certificate program with a 2.75 GPA and pending available space.)	
SC 2183	Introduction to Strategic Communications (Prequisite: Departmental majors only. Prequisite waived for students enrolled in Minor/Certificate program.)	
SPM 2843	Sports and the Media (Prequisite: Departmental majors only. Prequisite waived for students enrolled in Minor/Certificate program.)	
SC 3043	Entertainment in the Media	
MC 3173	History of Mass Communication (H)	
SC 3443	Social Media (Prerequisite: MC 2003 and MC 2023 and SC 2183 with a grade of "C" or better in each; and pass proficiency review. Prequisite waived for students enrolled in Minor/Certificate program.)	
Speech Communication		
Select six hours from the following:		6
SPCH 2713	Introduction to Speech Communication (S)	
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 3733	Elements of Persuasion (S)	
SPCH 3743	Advanced Public Speaking	
SPCH 4753	Intercultural Communication (I)	
SPCH 4793	Nonverbal Communication (S)	
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Neuroscience (NEUR), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Silvia Daggy, 213 LSE, 405-744-5658

Minimum grade and/or GPA: No grade lower than "C" in minor course.
Total Hours: 25

Code	Title	Hours
Course Requirements		
BIOL 1114	Introductory Biology (LN)	4
BIOL 3204	Physiology	4
CHEM 1215	Chemical Principles I (LN) [1]	4
or CHEM 1314	Chemistry I (LN)	
or CHEM 1414	General Chemistry for Engineers (LN)	
HHP 4064	Neuroanatomy	4
PSYC 4073	Principles of Neuroscience	3
or BIOL 4073	Principles of Neuroscience	
Hours Subtotal		**19**
Elective Requirements		
Select six hours from the following and include at least two course prefixes:		6
BIOL 4215	Mammalian Physiology	
BIOL 4253	Pharmacology	
BIOL 4283	Endocrinology	
BIOL 4293	Behavioral Neuroendocrinology	
CDIS 4423	Neural Bases of Speech and Language (N)	
HHP 4013	Motor Control and Learning	
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
or PSYC 3823	Cognitive Psychology	
PSYC 4263	Affective Neuroscience	
Hours Subtotal		**6**
Total Hours		**25**

[1] If CHEM 1215 is selected, the total hours required for the minor will be increased by one.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Psychology (PSYC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Carrina Lickteig, 213 LSE, 405-744-5658

Total Hours: 24

Code	Title	Hours
Minor Requirements		
PSYC 1113	Introductory Psychology (S)	3
Select 9 hours upper- or lower-division PSYC		9
Select 12 hours upper-division PSYC		12
Total Hours		**24**

Other Requirements

- No grade below "C."
- CPSY & EPSY courses not applicable.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Psychology, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493)	3
or STAT 2013	Elementary Statistics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses		
No more than 9 hours of PSYC may be 2000 level		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, including at least one course from each of the 4 competency areas: [2]		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	

PSYC 4163	Psychology of Prejudice and Discrimination (D)
PSYC 4243	Psychology of Aging
Clinical, Applied Psychology:	
PSYC 2443	Clinical Child Psychology
PSYC 3443	Psychopathology (S)
PSYC 3883	Positive Psychology
PSYC 4013	Introduction to Pediatric Psychology
PSYC 4143	Psychology and Law
PSYC 4183	Issues in Clinical Psychology
PSYC 4213	Conflict Resolution (S)
PSYC 4283	Health Psychology
PSYC 4483	Psychology of Parent Behavior (S)
PSYC 4633	Psychology of Sport and Human Performance
Other PSYC Elective Courses:	
PSYC 2890	Honors Experience in Psychology
PSYC 3120	Special Topics in Psychology (1-12 hours)
PSYC 3990	Teaching Practicum (1-6 hours)
PSYC 4353	History of the Human Soul
PSYC 4493	History of Psychology
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)
PSYC 4880	Senior Honors Thesis (1-6 hours)
PSYC 4883	Current Issues in Psychology
PSYC 4990	Research Practicum (1-6 hours)
Emphasis	
Complete one Emphasis outside PSYC (p. 1886)	12
Hours Subtotal	**51**
Electives	
Select 7 hours [2]	7
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
Hours Subtotal	**7**
Total Hours	**120**

Emphasis

General Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
AMST, ANTH, ART[1], BCOM, CDIS, CPSY, ECON, EEE, ENGL, EPSY, GEOG, GWST, HDFS, HIST, LSB, MGMT, MKTG, MUSI[1], PHIL, POLS, REL, SOC, SPCH, TH[1] and Foreign Language		

[1] Music performance, studio art and applied theatre are not permitted.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for this degree, including these 12 hours and 15 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

Applied Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
AMIS 4013	American Indian Sovereignty (D)	
AMST 4553	Gender in America (DH)	
BIOL 3123	Human Heredity (N)	
CPSY 3003	Introduction to Counseling and Related Professions	
EPSY 3113	Psychological Foundations of Childhood	
EPSY 3213	Psychology of Adolescence	
EPSY 3413	Child and Adolescent Development	
EPSY 3533	Motivating Learners	
GWST 3513	Theorizing Sexualities (D)	
HDFS 3123	Parenting Across Family Contexts (S)	
HDFS 3203	International Perspectives on Children's Play (G)	
HDFS 3413	Infant and Child Development	
HDFS 3423	Adolescent and Youth Development (S)	
HDFS 3443	Family Dynamics	
HDFS 4413	Successful Aging (S)	
HDFS 4573	Introduction to Marriage and Family Therapy	
HDFS 4793	International Families (GS)	
HDFS 4813	Dying, Death and Bereavement	
HHP 3114	Physiology of Exercise	
HHP 3333	Ethics in Sports Administration and Coaching	
HHP 3443	Psychosocial Aspects of Sport and Coaching	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3511	Peer Health Education I	
HLTH 3613	Community Health	
HLTH 3643	Health Behavior Theory	
HLTH 3723	Principles of Epidemiology	
HLTH 3913	Substance Use & Public Health	
HLTH 4233	Health and Sexuality (DS)	
HLTH 4533	Psychosocial Issues in Public Health	
MGMT 3943	Sports Management	
PHIL 4013	Perspectives on Death and Dying (H)	
PHIL 3833	Biomedical Ethics (H)	
POLS 3983	Courts and Judicial Process	
SCFD 3223	Role of Teacher in American Schools (D)	
SCFD 4913	International Issues and the Role of the School	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4213	Sociology of Sexualities (S)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology	
SOC 4723	Sociology of Families (S)	
SPCH 4793	Nonverbal Communication (S)	

SPED 4723	Transition Into Adulthood for Individuals with Disabilities

Business Emphasis

Code	Title	Hours
Select 12 hours of upper-division courses of the following:		12
BCOM, EEE, LSB, MGMT, MKTG, FIN, STAT		

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483	Mathematical Functions and Their Uses (Q) ((or higher except MATH 1493) or Stat 2013)	3
General Education courses		10
	Hours	**16**

Spring		
General Education courses		13
	Hours	**13**
Sophomore		
Fall		
PSYC 3214	Statistical Methods in Psychology	4
1713 First Semester Foreign Language		3
General Education courses		9
PSYC 1111	Succeeding in Psychology	1
	Hours	**17**
Spring		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		7
	Hours	**14**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Psychology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493)	3
or STAT 2013	Elementary Statistics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
Arts & Humanities		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses		
No more than 9 hours of PSYC may be 2000 level		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, including at least one course from each of the 4 competency areas:		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	

Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Psychopathology (S)	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology (1-12 hours)	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
Upper Division		
Select 12 upper-division hours of the following: [1]		12
ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper-division General Education (Q), (N) OR (S) excluding PSYC		
Hours Subtotal		**51**
Electives		
Select 16 hours [1]		16
May need to include 6 hours of a foreign language (see note 3)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		
Hours Subtotal		**16**
Total Hours		**120**

[1] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for this degree, including these 12 hours and 15 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (Q) (or higher except for MATH 1493) or Elementary Statistics (Q)	3
General Education courses		10
	Hours	**16**
Spring		
General Education courses		13
	Hours	**13**
Sophomore		
Fall		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
General Education courses		12
	Hours	**17**
Spring		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Major, College, and Elective courses		10
	Hours	**14**
Junior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Psychology: Business Essentials, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Courses designated (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493)	3
or STAT 2013	Elementary Statistics (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
MGMT 3013	Fundamentals of Management (S) [1]	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3.		9
Non-Western Studies		
At least one course. See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Satisfied by MGMT 3013 and MKTG 3213 [1]		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.		
No more than 9 hours of PSYC may be 2000 level.		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, to include at least one course from each competency area below:		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	

PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Psychopathology (S)	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology (1-12)	
PSYC 3990	Teaching Practicum (1-6)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6)	
PSYC 4880	Senior Honors Thesis (1-6)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6)	
Business Essentials		
ACCT 2003	Survey of Accounting	3
MKTG 3213	Marketing (S) [1]	3
Choose 3 hours from:		3
BADM 3113	Practical Business and Interpersonal Skills	
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Principles of Finance	
LSB 3213	Legal and Regulatory Environment of Business	
Choose 6 hours upper-division from:		6
BADM, BCOM, EEE, LSB, MGMT, MKTG, FIN, STAT		
Hours Subtotal		**54**
Electives		
Select 4 hours		4
Hours Subtotal		**4**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
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   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
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   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two

years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493) or Elementary Statistics (Q)	3
General Education courses		10
	Hours	**16**
Spring		
General Education courses		13
	Hours	**13**
Sophomore		
Fall		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
1713 First Semester Foreign Language		3
General Education courses		9
	Hours	**17**
Spring		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		7
	Hours	**14**
Junior		
Fall		
2000-level Foreign Language		3
Major, College, and Elective courses		12
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Psychology: Pre-Law, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
Select one of the following (or higher):		3
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493)	
STAT 2013	Elementary Statistics (Q) (or higher)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
PHIL 1313	Logic and Critical Thinking (Q)	3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses		
No more than 9 hours of PSYC may be 2000 level		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, including at least one course from each of the 4 competency areas:		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory [1]	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S) [1]	
PSYC 3033	Psychology of Humor (S)	
PSYC 3013	Psychology of Motivation	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries [1]	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality [1]	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S)	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D) [1]	

PSYC 4243	Psychology of Aging	
Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Psychopathology (S) [1]	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law [1]	
PSYC 4183	Issues in Clinical Psychology [1]	
PSYC 4213	Conflict Resolution (S) [1]	
PSYC 4283	Health Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology (1-12 hours)	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
Legal Emphasis		
Select 12 upper-division hours of the following: [2]		12
AMIS 4013	American Indian Sovereignty (D) [1]	
AMST 3333	Crime, Law and American Culture (S)	
ENGL 3223	Professional Writing Theory	
ENGL 3323	Technical Writing	
ENGL 4003	History of the English Language	
ENGL 4013	English Grammar	
GEOG 3133	Political Geography (GS)	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4323	Law of Commercial Transactions and Debtor-Creditor Relationships	
LSB 4403	Law and Entrepreneurship	
LSB 4413	Law of Business Organizations	
LSB 4423	Employment Law (D)	
LSB 4523	Law of Real Property	
LSB 4633	Legal Aspects of International Business Transactions (G)	
PHIL 3003	Symbolic Logic (Q)	
PHIL 3413	Ethical Theory (H)	
PHIL 3803	Ethics, Society, and Business (H)	
PHIL 3833	Biomedical Ethics (H)	
POLS 3033	International Law	
POLS 3453	U.S. Congress	
POLS 3533	Lobbying and the Power of Organized Interests	
POLS 3523	Money, Media And Politics	
POLS 3963	State Courts and the Bar	
POLS 3983	Courts and Judicial Process	
POLS 3993	Legal Research And Analysis	
POLS 4353	Administrative Law	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
POLS 4973	U.S. Constitution: Separation of Powers	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4923	Sociology of Punishment (S)	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4753	Intercultural Communication (G)	
SPCH 4793	Nonverbal Communication (S)	
Hours Subtotal		**51**
Electives		
Select 7 hours [2]		7
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Recommended courses:		
POLS 2023	Introduction to Law and Legal Studies (S)	
SPCH 2713	Introduction to Speech Communication (S)	
Hours Subtotal		**7**
Total Hours		**120**

[1] Denotes recommended courses.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for this degree, including these 12 hours, 7 hours of electives and 11 more hours that can count to be transferred back from the law program. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education

English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
PSYC 1113	Introductory Psychology (S)	3
MATH 1483 or STAT 2013	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493) or Elementary Statistics (Q)	3
General Education courses		10
	Hours	**16**
Spring		
2000-Level PSYC Course		3
General Education courses		13
	Hours	**16**
Sophomore		
Fall		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PHIL 1313	Logic and Critical Thinking (Q)	3
1713 First Semester Foreign Language		3
General Education courses		3
	Hours	**14**
Spring		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
1813 Second Semester Foreign Language		3
Major, College, and Elective courses		7
	Hours	**14**

Junior	
Fall	
2000-level Foreign Language	3
Major, College, and Elective courses	12
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Senior	
Fall	
Major, College, and Elective courses	15
Hours	**15**
Spring	
Major, College, and Elective courses	15
Hours	**15**
Total Hours	**120**

Psychology: Pre-Med, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except MATH 1493)	3
(Minimum grade of "C")		
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N)		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		3
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of “C” in all PSYC courses		
No more than 9 hours of PSYC may be 2000 level		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 30 hours, including at least one course from each of the 4 competency areas:		30
Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N) [1]	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory [1]	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience [1]	
PSYC 4343	Language Development (S)	
Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality [1]	
PSYC 4813	Psychological Testing	
Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2583	Developmental Psychology (S) [1]	
PSYC 2593	Psychology of Human Sexuality	

PSYC 3343	Black Psychology (DS)	
PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Psychopathology (S) [1]	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology [1]	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology [1]	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology (1-12 hours)	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
Other Requirements [2]		
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114 & PHYS 1214	College Physics I (LN) and College Physics II (LN)	8
Select 6 hours of the following: [2]		6
Recommended for MCAT prep at least one course from each category		
Category 1:		
MICR 2123	Introduction to Microbiology	
MICR 3033	Cell and Molecular Biology	
BIOL 3023	General Genetics	
Category 2:		
BIOC 3653	Survey of Biochemistry	
MICR 3223	Advanced Microbiology	
BIOL 3104	Invertebrate Zoology	
Category 3:		
BIOL 3204	Physiology	
BIOL 3214	Human Anatomy	
Category 4:		
BIOL 3233	Human Reproduction	
BIOL 4134	Embryology	
BIOL 4283	Endocrinology	
Hours Subtotal		**61**
Electives		
Select 5 hours [2]		5
May need to include 6 hours of a foreign language. See note 3		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Suggested course: SOC 1113		
Hours Subtotal		**5**
Total Hours		**120**

[1] Denotes recommended courses.

[2] With approval from the advisor and department head, a maximum of 30 hours from an accredited health program may be used for this degree, including these additional 22 hours and 5 hours of electives. Up to 3 hours may be substituted from the required PSYC courses other than PSYC 1113 Introductory Psychology (S), PSYC 3214 Statistical Methods in Psychology and PSYC 3914 Experimental Psychology: Introduction to Research Methods in Psychology.

Additional requirements for professional school exist. View Admission Requirement sheet at prehealth.okstate.edu (http://prehealth.okstate.edu).

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1483	Mathematical Functions and Their Uses (Q) (or higher except for MATH 1493)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		4
	Hours	**14**
Spring		
CHEM 1314	Chemistry I (LN)	4
General Education courses		12
	Hours	**16**
Sophomore		
Fall		
CHEM 1515	Chemistry II (LN)	5
BIOL 1604	Animal Biology	4
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
	Hours	**14**
Spring		
CHEM 3053	Organic Chemistry I	3
3 Hours Pre-Med science		3
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
General Education courses		6
	Hours	**16**
Junior		
Fall		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
PHYS 1114	College Physics I (LN)	4
Major, College, and Elective courses		6
	Hours	**15**
Spring		
PHYS 1214	College Physics II (LN)	4
3 Hours Pre-Med Science		3
Major, College, and Elective courses		8
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Psychology: Pre-Occupational Therapy, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1513	College Algebra (Q) (or higher MATH (Q) course)	3
(Minimum grade of "C")		
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Course designated (N) with one (L)		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
PHYS 1114	College Physics I (LN)	4
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		3
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1314	Chemistry I (LN)	4
Select 5 hours. See note 2.b. CHEM, MICR, or BIOL recommended.		5
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.		
No more than 9 hours of PSYC may be 2000 level.		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 2583	Developmental Psychology (S)	3
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3443	Psychopathology (S)	3
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 24 hours, including at least one course from competency areas 1 and 2		24
1) Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
2) Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
3) Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	

PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
4) Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology	
PSYC 3990	Teaching Practicum (1-6 hours)	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis (1-6 hours)	
PSYC 4880	Senior Honors Thesis (1-6 hours)	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum (1-6 hours)	
12 hours of Science:		
BIOL 3214	Human Anatomy	4
BIOL 3204	Physiology	4
4 additional upper-division hours from: ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper division General Education (Q), (N), OR (S) excluding PSYC		4
Hours Subtotal		**51**
Electives: 15 Hours		**15**
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Recommended course:		
HHP 2802	Medical Terminology for the Health Professions	
3 hours of SOC or ANTH are recommended.		
Hours Subtotal		**15**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council

on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1513	College Algebra (Q) (or higher)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		5
	Hours	**15**
Spring		
CHEM 1314	Chemistry I (LN)	4
PSYC 2583	Developmental Psychology (S)	3
General Education courses		8
	Hours	**15**
Sophomore		
Fall		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
CS 1003	Computer Proficiency	3
General Education and Elective courses		7
	Hours	**15**
Spring		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
PHYS 1114	College Physics I (LN)	4
General Education courses		7
	Hours	**15**
Junior		
Fall		
BIOL 3204	Physiology	4
Major, College, and Elective courses		11
	Hours	**15**
Spring		
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses		11
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Psychology: Pre-Physical Therapy, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 1513	College Algebra (Q) (or higher MATH (Q) course)	3
(Minimum grade of "C")		
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 3 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 3 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		3
Hours Subtotal		**41**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
PHYS 1114	College Physics I (LN)	4
PHYS 1214	College Physics II (LN)	4
One additional hour. See note 2.b.		1
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.00 with a minimum grade of "C" in all PSYC courses.		
No more than 9 hours of PSYC may be 2000 level.		
Core Requirements		
PSYC 1111	Succeeding in Psychology	1
PSYC 2583	Developmental Psychology (S)	3
PSYC 3214	Statistical Methods in Psychology	4
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
Select 27 hours, including at least one course from areas 1, 2, and 4:		27
1) Learning, Cognition, Biological Basis:		
PSYC 3073	Neurobiological Psychology (N)	
PSYC 3113	Comparative Psychology (N)	
PSYC 3173	Introduction to Cognitive Science (N)	
PSYC 3513	Psychology of Learning	
PSYC 3713	Psychology of Memory	
PSYC 3823	Cognitive Psychology	
PSYC 4023	Evolutionary Psychology (N)	
PSYC 4073	Principles of Neuroscience	
PSYC 4223	Decision Making and Problem Solving	
PSYC 4263	Affective Neuroscience	
PSYC 4343	Language Development (S)	
2) Psychometrics, Personality, Social Processes:		
PSYC 2743	Social Psychology (S)	
PSYC 3003	Data Analysis with Observation Oriented Modeling	
PSYC 3013	Psychology of Motivation	
PSYC 3033	Psychology of Humor (S)	
PSYC 3053	Psychology of Art (S)	
PSYC 3413	Social Cognition & Behavior; Mating, Morality, & other Mysteries	
PSYC 4153	Psychology and Mass Media	
PSYC 4333	Personality	
PSYC 4813	Psychological Testing	
3) Developmental and Sociocultural Dimensions:		
PSYC 2313	Psychology of Adjustment	
PSYC 2593	Psychology of Human Sexuality	
PSYC 3343	Black Psychology (DS)	

PSYC 4123	Psychology of Women (DS)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4243	Psychology of Aging	
4) Clinical, Applied Psychology:		
PSYC 2443	Clinical Child Psychology	
PSYC 3443	Psychopathology (S)	
PSYC 3883	Positive Psychology	
PSYC 4013	Introduction to Pediatric Psychology	
PSYC 4143	Psychology and Law	
PSYC 4183	Issues in Clinical Psychology	
PSYC 4213	Conflict Resolution (S)	
PSYC 4283	Health Psychology	
PSYC 4483	Psychology of Parent Behavior (S)	
PSYC 4633	Psychology of Sport and Human Performance	
Other PSYC Elective Courses:		
PSYC 2890	Honors Experience in Psychology	
PSYC 3120	Special Topics in Psychology	
PSYC 3990	Teaching Practicum	
PSYC 4353	History of the Human Soul	
PSYC 4493	History of Psychology	
PSYC 4770	Undergraduate Senior Thesis	
PSYC 4880	Senior Honors Thesis	
PSYC 4883	Current Issues in Psychology	
PSYC 4990	Research Practicum	
12 hours of Science:		
BIOL 3214	Human Anatomy	4
BIOL 3204	Physiology	4
4 additional upper-division hours from ANSI, BIOC, BIOL, CHEM, CS, ECON, EPSY, HDFS, MATH, MICR, NREM, NSCI, PBIO, PHYS, PLP, POLS, SOC, SPCH, STAT, and/or upper-division General Education (Q), (N) OR (S) excluding PSYC.		4
Hours Subtotal		**51**
Electives		
Select 15 hours		15
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Hours Subtotal		**15**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer

of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1513	College Algebra (Q) (or higher MATH (A) course)	3
BIOL 1113 & BIOL 1111 or BIOL 1114	Introductory Biology (N) or Introductory Biology (LN)	4
PSYC 1113	Introductory Psychology (S)	3
General Education courses		5
	Hours	**15**
Spring		
CHEM 1314	Chemistry I (LN)	4
PSYC 2583	Developmental Psychology (S)	3
General Education courses		8
	Hours	**15**
Sophomore		
Fall		
PSYC 1111	Succeeding in Psychology	1
PSYC 3214	Statistical Methods in Psychology	4
PHYS 1114	College Physics I (LN)	4
CS 1003	Computer Proficiency	3
General Education and Elective courses		3
	Hours	**15**
Spring		
PSYC 3914	Experimental Psychology: Introduction to Research Methods in Psychology	4
PHYS 1214	College Physics II (LN)	4
General Education courses		7
	Hours	**15**
Junior		
Fall		
BIOL 3204	Physiology	4
Major, College, and Elective courses		11
	Hours	**15**
Spring		
BIOL 3214	Human Anatomy	4
Major, College, and Elective courses		11
	Hours	**15**
Senior		
Fall		
Major, College, and Elective courses		15
	Hours	**15**
Spring		
Major, College, and Elective courses		15
	Hours	**15**
	Total Hours	**120**

Speech Communication (SPCH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

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Minimum GPA: 2.00
Total Hours: 15

Code	Title	Hours
Required Courses		
SPCH 2713	Introduction to Speech Communication (S)	3
SPCH 3733	Elements of Persuasion (S)	3
SPCH 4793	Nonverbal Communication (S)	3
Select 6 hours of from the following:		6
SPCH 3703	Small Group Communication	
SPCH 3723	Business and Professional Communication	
SPCH 3743	Advanced Public Speaking	
SPCH 4743	Problems of Interpersonal Speech Communication	
SPCH 4753	Intercultural Communication (I)	
SPCH 4763	Organizational Communication	
PSYC 3033	Psychology of Humor (S)	
PSYC 4163	Psychology of Prejudice and Discrimination (D)	
PSYC 4213	Conflict Resolution (S)	
PSYC 4343	Language Development (S)	
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Sociology

Sociology is the scientific study of human society and social behavior. Sociologists study a broad array of social phenomena ranging from the dynamics of social interaction to the composition and workings of entire societies.

The diversity of the faculty is reflected in the many different types of undergraduate and graduate courses offered. Topics include environment; criminology and criminal justice; law and society; juvenile delinquency; social problems; social movements; social inequality; social psychology; race and ethnicity; gender; religion; and family. Students gain mastery of knowledge in topical areas as well as in the methods of social research, enabling them to pursue professional positions in a variety of occupational fields. Students at the graduate level may pursue the MS or PhD in Sociology.

At the undergraduate level, the general Sociology degree provides students with a strong foundation in sociological theory and methods while also allowing flexibility for interdisciplinary exploration of society and social behavior. The Department of Sociology also offers a variety of BA and BS degree options for students hoping to specialize their education. With concentrations in anthropology, criminology and criminal justice, environment and society, and social services, students can tailor their Sociology degree for their future career field. For those students interested in pursuing professional degrees, the Department of Sociology also offers Pre-Medical Science and Pre-Law options.

A concentration in Anthropology familiarizes students with the methods and principles of cultural anthropology, archaeology, and biological anthropology. While studying the history of humans and culture, engaging courses and opportunities for hands-on experience prepare students to enter both academic and nonacademic careers.

Our Criminology and Criminal Justice students are well prepared for both academic and nonacademic careers related to crime, criminal behavior, law enforcement, the courts, and corrections. A wide variety of course offerings provide students the opportunity to study topics such as the criminal justice system, drugs and drug policy, juvenile delinquency, and gangs and society.

The Environment and Society degree introduces students to the critical relationship among humans, society, and the environment. Course offerings focus on topics such as environmental hazards and disasters, environmental inequality, and technology, preparing students for future careers in environmental law, government, nonprofit, or academics.

Concentrating in Social Services gives students an opportunity to study specific communities, group trends, and public service. With course offerings such as Sociology of Families, Sociology of Health and Illness, and Social Psychology, students are provided a foundation for careers in both public service and academia.

Courses

ANTH 1353 Introduction to Anthropology (S)
Description: Explores the holistic dimensions of anthropology by introducing the four fields that comprise the discipline: cultural anthropology, linguistics, archaeology, and biological anthropology. Examines the content of each field and their collective contribution to the understanding of humanity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

ANTH 2353 Introduction to Biological Anthropology (N)
Description: Introduction to human biological evolution, including genetics, paleoanthropology, primatology, and osteology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Natural Science Reasoning

ANTH 2883 Introduction to Archaeology (S)
Description: A general introduction to the methods of study of archaeology. Understanding the development of prehistoric cultures as adaptive responses to changing natural and social environments from early Paleolithic to emergence of urban civilizations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

ANTH 3353 Cultural Anthropology (GS)
Description: Introduction to culture, various subdisciplines of cultural anthropology, anthropological concepts, and capsule ethnographies of assorted ethnic groups.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: International Dimension, Society & Human Behavior

ANTH 3443 Peoples of Mesoamerica (GS)
Description: Modern indigenous peoples of Mexico and Central America. Examination of contemporary communities and modern social and cultural practices understood from a historical perspective, leading to an appreciation of regional similarities and diversity.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: International Dimension, Society & Human Behavior

ANTH 3990 Fieldwork in Anthropology
Prerequisites: Consent of instructor.
Description: Instruction through ethnographic or archaeological field techniques by participation in a field program. Topics subject to change from year to year depending upon the type of field program offered or available. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.
Credit hours: 1-8
Contact hours: Lecture: 1-8 Contact: 1-8
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

ANTH 4123 Archaeology of North America (S)
Description: Factors influencing the initial peopling of North America, the spread and diversification of hunting and gathering economies, the rise of agricultural systems and emergence of extensive and complex political units.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

ANTH 4223 The Aztec Empire (H)
Description: Society and Culture of the Aztecs of Mesoamerica. Overview of preceding civilizations, analysis of imperial strategies, social organization, religion, and other topics culminating in the Spanish conquest.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Human Heritage & Cultures

ANTH 4443 Oklahoma Archeology (S)
Description: Surveys social and cultural development of Native peoples of Oklahoma from Paleoindian hunting adaptations to villagers encountered by early Europeans. Using archaeological investigations examines diversity of social and cultural adaptations to various environments of Oklahoma, including development of complex societies.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

ANTH 4990 Special Topics in Anthropology
Prerequisites: Consent of instructor.
Description: Directed readings or research on significant topics in anthropology. May not be used for degree credit with ANTH 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Sociology

ANTH 5243 Globalization and Culture
Prerequisites: Admission to Graduate College and International Studies.
Description: Critical assessment of 20th century social scientific theories of development culminating in current theories of globalization. Exploration of capitalism's antecedents, origin, and proliferation. Evaluation of global inequality from a cross-culture perspective. Utility of anthropological theories of culture, ideology and hegemony in assessing local responses to globalization. No credit for students with credit in INTL 5243.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

ANTH 5990 Advanced Problems and Issues in Anthropology
Prerequisites: Consent of instructor.
Description: Directed readings or research on significant topics in anthropology. May not be used for Degree Credit with ANTH 4990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 1113 Introductory Sociology (S)
Description: Coming to terms with the requirements for living in a complex social world. Sociological concepts used to assist students in understanding the social influences in day-to-day life.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior
Additional Fees: Cowboy Concur OL NRes Tuition fee of $300 per credit hour and Cowboy Concur OL Res Tuition fee of $189.10 per credit hour apply.

SOC 2113 Introduction to Criminal Justice
Description: This introductory course provides an overview of the U.S. criminal justice system. Some of the topics covered include police and corrections officers, prosecutors, defense attorneys, and judges. While a variety of societal responses to adult and juvenile crimes are discussed, this course primarily focuses on the formal responses of law enforcement, the courts, and corrections. Societal goals of punishment are covered as well.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 2123 Social Problems (DS)
Description: Exploration in selected social issues in contemporary American society, such as deviance, poverty, sexism, racism and ageism.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Diversity, Society & Human Behavior

SOC 2213 Gangs and Society (S)
Description: This course provides an overview of gangs as social phenomena. Gangs of particular interest include youth gangs, urban/rural gangs, street gangs, prison gangs, military gangs, and outlaw motorcycle gangs. The course additionally analyzes how socially-constructed group characteristics (i.e., race, class, gender and ethnicity) relate to gang membership. U.S. street and prison gangs receive extensive coverage. Social alternatives to gangs are discussed as well.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 2233 Building Partnerships through Policing
Description: The course explores the fundamentals of policing, introducing students to important concepts in and practices related to policing with particular focus on the college setting. This course is aimed at students considering a law enforcement career or interested in learning more about policing. Part of OSUPD's mission is to educate students about how we police the community. Applying both theoretical knowledge with practical application introduces the realities faced by modern law enforcement. By taking this course, students will gain an introspective, applied perspective of law enforcement. Students will be required to complete a release waiver that allows them to participate in some of the practical skills illustrated throughout the course, including a ride-along with an OSUPD officer and interacting with the firearms simulator.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 2243 Sociology of Drugs
Description: Why do individuals use drugs? Why are some substances criminalized and not others? What sociocultural factors determine how drugs are defined and categorized? What is the history of U.S. drug policy and how has it changed? What responses are effective in controlling drug use and abuse? This course answers these questions and more through sociological literature, case studies, film and popular media, and class discussions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 2890 Honors Experience in Sociology
Prerequisites: Honors Program participation and concurrent enrollment in a designated SOC course.
Description: A supplemental Honors experience in Sociology to partner concurrently with designated Sociology course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Honors Credit

SOC 3113 Theoretical Thinking in Sociology
Prerequisites: Six credit hours of sociology, including SOC 1113.
Description: Sociological theory in three broad areas: the emergence of social theory, the major schools of social theory and the relevance of theory to sociological research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 3133 Racial and Ethnic Relations (DS)
Description: This course examines cause and dimensions of racial inequalities in American society, with special emphasis on intersectional, social psychological, organizational, and institutional processes. Previously offered as SOC 2133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Diversity, Society & Human Behavior

SOC 3153 Sociology of Sport (S)
Description: Application of sociological principles, theories, and methods to the understanding of sport as a social institution. Topics such as the social organization of sport, relations with other institutions such as education, economy, politics, family and religion, deviance in sport, inequality, gender, and race in sport, and the future of sport are covered.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 3223 Social Psychology (S)
Description: Social basis of personality development and behavior, including symbolic environment, self and group motivation, attitudes and opinions, and social roles.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 3323 Collective Behavior and Social Movements
Description: Analyzes panics, crazes, riots and social movements emphasizing institutional and social psychological origins and consequences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 3333 Policing and Society (S)
Description: This course explores the social institution of policing. Extensively covered are the relationships between police agencies, agents, and practices and social groups (based on race, class, gender, sexual identity/orientation, age, disability, and other classifications) and policies (e.g., War on Drugs) in the United States. Additional course topics include the roles of police, police patrol, police discretion, police use of force, and community policing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 3343 Technology and Society (S)
Description: Exploration of various aspects of the relationship between society and technology. Analysis of arguments about the role of technology in society. Examination of the social contexts within which technology is created and discussion of the mechanisms and processes through which technology is embraced or discarded, such as peer review, politics, religion, and legal frameworks. Previously offered as SOC 4463.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 3423 Urban Sociology
Description: Urbanization as a worldwide process. The demography and ecology of cities and metropolitan regions. Urban planning and future development.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 3523 Juvenile Delinquency (DS)
Description: Juvenile delinquency behavior in relation to family, school, church, peers, community and institutional structures. The extent of delinquent expressions, varieties of delinquency, comparative international perspectives and new trends of females in delinquency and gang behavior.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Diversity, Society & Human Behavior

SOC 3713 Religion, Culture and Society
Prerequisites: Recommended: SOC 1113, ANTH 2353, REL 1103.
Description: An introduction to the scientific study of religion. Religious activity in both tribal and technological societies studied in the light of contemporary interpretations of culture and of social behavior. Same course as REL 3713.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 3890 Advanced Honors Experience in Sociology
Prerequisites: Honors Program participation and concurrent enrollment in a designated SOC course.
Description: A supplemental Honors experience in Sociology to partner concurrently with designated upper-division SOC course(s). This course adds a different intellectual dimension to the designated course(s). Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Honors Credit

SOC 3953 Applied Sociology
Prerequisites: Sociology majors or consent of instructor or adviser.
Description: Application of sociological theory and methods to various job situations. Preparation for field experience in a variety of work settings. Previously offered as SOC 3952.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 3993 Sociology of Aging (DS)
Description: Sociological perspectives on aging, including the analysis of the social behaviors across all stages of the life course from birth to death.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Diversity, Society & Human Behavior

SOC 4023 Juvenile Corrections and Treatment Strategies
Prerequisites: SOC 3523 or SOC 4333.
Description: The juvenile justice system, emphasizing the juvenile court, diversion and youth service bureaus as well as the more traditional training schools and foster homes. Experimental treatment strategies with institutionalized delinquents.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4033 Comparative Perspectives of Criminal Justice Systems (GS)
Description: Study of criminal justice systems in different nation states and culture context from a different comparative perspective.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: International Dimension, Society & Human Behavior

SOC 4043 Gender and Work (DS)
Description: Consideration of unpaid, paid and volunteer work and gender differences. Linkages between economy, work, and family with examples from United States and less developed countries.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Diversity, Society & Human Behavior

SOC 4103 The Death Penalty in America (S)
Description: This course is designed to examine problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state and federal) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice responds to these issues. Same course as AMST 4103.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4133 Social Research Methods
Prerequisites: SOC 1113. Past completion of or concurrent enrollment in SOC 3113.
Description: Applying sociological theory to designing quantitative and qualitative research; methods of data collection, processing and analysis; basic skills in computer analysis of social data. Research project included.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4153 Sociology of Health and Illness
Description: Critically analyzes the social production of disease and illness in modern society from a sociological perspective. Examines the social organization of Medicare care, including critical issues affecting healthcare and health insurance in the United States. Focuses on the meanings and experiences of illness, as well as on contemporary critical debates such as environmental and health, bioengineering, and bioethics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4213 Sociology of Sexualities (S)
Description: Sociological aspects of sexual behavior, attitudes and belief systems in society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4243 Quantitative Methods in Sociology
Prerequisites: SOC 1113, SOC 3113, SOC 4133.
Description: Strategies and procedures in the analysis of quantitative sociological data, including the use of statistical computer programs.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4313 Sociology of Law
Description: Law has been studied from different perspectives. In this course, we will focus on issues concerning the relationship between law, legal institution, and society. Issues such as the relationship between law and social change, the origins of law, the integrative function of law, law and social conflict, legal profession, and rationales of punishment and penal policies are explored through classical and contemporary sociological theories. In addition, we will consider the role of law and legal institution in reinforcing and changing social class, gender, and race inequalities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4333 Criminology
Description: Summary of sociological and psychological research pertaining to crime causation and crime trends. Modern trends in control and treatment.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4383 Social Stratification (S)
Description: Systems of class and caste, with special attention to the United States. Status, occupation, income, and other elements in stratification.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4403 Research Unleashed: The Science of Animal-Assisted Interventions
Prerequisites: STAT 2013 or STAT 2053 or Instructor Permission
Description: This course immerses students in hands-on, applied research through direct collaboration with Oklahoma State University's Pete's Pet Posse (P3), the nation's most comprehensive university-based pet therapy program. Students will gain practical experience in designing, conducting, analyzing, and communicating research focused on the wellness impacts of animal-assisted interventions within the campus community and beyond.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4433 Environmental Sociology (S)
Description: Critical assessment of the social causes and consequences of problems with resource scarcity and environmental degradation. Environmental problems viewed as social problems, requiring an understanding of the structural conditions producing environmental problems and inhibiting resolutions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4453 Environmental Inequality (S)
Prerequisites: SOC 1113.
Description: Considers the connection between environmental problems and race/ethnicity and class inequality. Focuses on environmental justice/equity, social movements, health, policy and risk at the local, national and global levels.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4473 Oklahoma Environmental Sociology
Description: Critical assessment of the social causes and consequences of environmental problems in Oklahoma, both historical and contemporary. Examines the Land Run, the Dust Bowl, the Oil Boom, land ownership and use patterns.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4493 Sociology of Environmental Hazards and Disasters
Prerequisites: SOC 3113 or instructor permission.
Description: Explores societal dimensions of environmental hazards and disasters, emphasizing disaster theory and research, key issues in the sociological study of environmental hazards and disasters, such as social impacts, social vulnerability, and community development and resilience.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4533 World Population Problems
Description: Fertility, mortality and migration, and other factors related to population size, density, and composition; the population explosion, worldwide famine, birth control, and other serious social issues.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4573 Victimology
Description: This course combines various academic disciples to introduce the field of Victimology. The course represents an overview of the Victimology field; courts, victim services, victimization, and personnel issues. Students use the on- line and reading material to build a framework for understanding the wide field of Victimology together with victim issues and career opportunities. Same course as PSYC 4573.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4643 Sociology of Gender (S)
Description: Explores the social organization of gender from diverse theoretical and empirical perspectives using a global experience.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4653 Gender and the Middle East (GS)
Description: An overview of gender-related issues in the Middle East and North African countries is provided to bridge cultures and build understanding. Specific attention is given to issues of women and how they are connected to changes in culture, economics, politics and society. May not be used for degree credit with SOC 5653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: International Dimension, Society & Human Behavior

SOC 4663 Undergraduate Capstone Seminar in Sociology
Prerequisites: Majors; senior standing; SOC 3113, SOC 4133, SOC 4243.
Description: Concluding course for Sociology majors. Application of the skills, knowledge and expertise acquired in Sociology, including critical thinking, writing, theory and methods.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4723 Sociology of Families (S)
Description: The family as a social institution and relationship between family and other institutional structures and systems, including work and the economy, education, government and law, health care, and the media. Previously offered as SOC 3723.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4733 Criminal Behavior Analysis
Prerequisites: SOC 3523 or SOC 4333.
Description: This course combines various academic disciplines toward a behavioral examination of the violent criminal offender. By examining the crime scene from a behavioral perspective, the psychodynamics of the offender, the sociological forces, and the social psychological dimensions of victim-offender interactions are combined for a more holistic understanding of the violent offender.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4743 Criminalistics: Introduction to Forensic Sciences
Prerequisites: SOC 3523 or SOC 4333.
Description: Criminalistics or forensic sciences involve the application of physical and behavioral sciences to social order or more specifically, the relationship between science and law. This course introduces the student to the various aspects of forensic examinations of violent criminal behavior. By examining modern techniques of crime scene analysis, the student learns how theory and technological development impact our social concepts of law and justice.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4753 Advanced Forensics
Prerequisites: SOC 3523 or SOC 4333 and SOC 4743.
Description: Forensic sciences involve the application of physical and behavioral sciences to social order and law. This course advances students' understanding of examinations of violent criminal behavior. Students gain awareness of the interdependent relationships of various physical and social science disciplines and how these issues are operationalized at an actual crime scene.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4923 Sociology of Punishment (S)
Description: An overview of punishment across time and place. Topics surveyed include theories of punishment; formal and Informal social control; and corrections, including Its consequences and alternatives. Special topics may be examined when time permits.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology
General Education and other Course Attributes: Society & Human Behavior

SOC 4950 Current Topics in Sociology
Description: Special topics in sociology; topics vary from semester to semester. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.
Credit hours: 1-12
Contact hours: Lecture: 1-12 Contact: 1-12
Levels: Undergraduate
Schedule types: Lecture
Department/School: Sociology

SOC 4990 Exploration of Sociological Issues
Prerequisites: Consent of instructor.
Description: Examines sociologically significant topics and issues. May not be used for degree credit with SOC 5990. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Sociology

SOC 4993 Senior Honors Thesis
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis under the direction of a senior faculty member, with second faculty reader and oral examination. Required for graduation with departmental honors in sociology.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Sociology
General Education and other Course Attributes: Honors Credit

SOC 5000 Thesis in Sociology
Description: Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 5001 Graduate Proseminar
Prerequisites: Admission to Sociology graduate program.
Description: Introduction and orientation to the graduate program in the Department of Sociology.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5013 Creative Component in Sociology
Description: A guided course serving as the final requirement for graduate students in the Department of Sociology's Master of Science degree, non-thesis option.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5063 Seminar in Social Inequality and Stratification
Prerequisites: Graduate standing.
Description: Provides comprehensive overview and analysis of theories and research in social inequality and social stratification. Includes: study of classical and contemporary theories, development of research in the field, dynamics of inequalities and current and future perspectives.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5113 Classical Sociological Theory
Prerequisites: SOC 3113 or equivalent.
Description: Major trends in sociological thought. The emergence of sociological theory in Europe and America.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5123 Contemporary Sociological Theory
Prerequisites: SOC 3113 or equivalent.
Description: Critical examination of significant theoretical formulations, 1920 to the present. Relation between theoretical development and current research emphasis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5213 Techniques of Population Analysis
Prerequisites: Graduate standing.
Description: Examination of primary techniques and statistics employed in studies of population characteristics. Examination of sources of demographic data, methods employed in the collection and analysis of data on population characteristics, composition and change.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5223 Culture, History and World Systems
Prerequisites: Admission to Graduate College and international studies program.
Description: The modern world system and its new social formations resulting from increasing globalization. Examination of cultural, socio-economic, and political changes in developed and developing societies. Modern societies, their historical developments, the cultural politics of difference, and the re-emergence of ethnic groups worldwide. Existing theoretical models of change for profit and non-profit organizations. Same course as INTL 5223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5243 Social Research Design
Prerequisites: SOC 3113; SOC 4133 or equivalent; graduate standing.
Description: Techniques in design, data collection, and interpretation of data for sociological research.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5263 Quantitative Analysis of Social Research
Prerequisites: SOC 3133; SOC 4133 or equivalent; graduate standing.
Description: Advanced techniques in sociological research and data analysis focusing on the formulation of substantive research questions and application of a variety of research procedures to answer such questions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5273 Qualitative Research Methods
Description: Examination of ethnographic studies and implementation issues connected with qualitative research. Research project required.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5283 Advanced Qualitative Sociological Research
Prerequisites: SOC 5273 or consent of instructor.
Description: Intensive examination of advanced qualitative research in sociology. Requires students to design and implement their own qualitative sociological research projects under the guidance of the instructor.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5323 Seminar on Collective Behavior and Social Movements
Prerequisites: Graduate standing.
Description: Examination of major theoretical and empirical approaches employed in the study of social movements. Exploration of problems on the nature and current theories of social movements including individual versus group approaches. Grassroots resistance, community organizing, political conflicts, and revolutions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5333 Global Population and Social Problems
Prerequisites: Graduate standing.
Description: Study in world, regional and national population characteristics, changes and associated problems and cultural influences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5343 Sociology of Law and Punishment
Description: Advanced study in the sociology of law and punishment. Focus on both classical and contemporary sociological and legal research. An interdisciplinary and comparative approach is also emphasized.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5463 Seminar in Environmental Sociology
Description: Critical overview of contemporary developments in environmental sociology. Environment concern, disasters, health issues, risk assessment, and environmental conflict.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5473 Seminar on the Contemporary Environmental Movement
Description: Critical overview of contemporary theory and research on the environmental movement. Analysis of crucial movements dynamics, including historical development, central organizing themes, strategies and tactics, and movement activities, environmental health movements, and transnational movement campaigns.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5493 Seminar in Environmental Justice
Description: Considers racial, class and equity implications of environmental degradation and regulation. Includes discussion of controversies over the siting of hazardous facilities in urban and rural areas, the extraction of resources from native lands, national and transnational export of toxic waste to the South and the development of a distinct environmental justice movement.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5553 Seminar in Medical Sociology
Description: Advanced study in the sociology of medicine, including the doctor-patient relationship, the social meanings of health and illness, epidemiology, health care delivery, and the medicalization of American society. Analysis of the sociology of organic illness and mental illness using readings from both classical and contemporary sources.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5573 Seminar on Victimology
Description: Critical overview of contemporary theory and research on victimology. Relationships between victim and offenders, social institutions such as media, police, business, advocacy groups, and various social movements.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5583 Comparative Criminal Justice Systems
Description: Examines crime and criminal justice in a global world. Compares the current major legal traditions with the U.S. criminal justice system.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5593 Seminar on Organization and Administration in Law Enforcement and Society
Description: Critical overview of contemporary theory and research on administration in law enforcement and society.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5643 Gender and Society
Prerequisites: Graduate standing.
Description: This course provides an overview of current theoretical and empirical research in the sociology of gender. Topics include (1) how best to theorize, conceptualize, and analyze gender; (2) how gender is socially constructed and enacted in individuals' lives; (3) how gender intersects with other identities (e.g., race, social class, sexuality) to shape our experiences and life chances; and, (4) how gender is embedded within institutional processes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5653 Gender and the Middle East
Description: An overview of gender-related issues in the Middle East and North African countries is provided to bridge cultures and build understanding. Specific attention is given to issues of women and how they are connected to changes in contemporary culture, economics, politics, and society. May not be used for degree credit with SOC 4653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5663 Seminar in Race and Ethnicity
Prerequisites: Graduate standing.
Description: Analysis of the dynamics of intercultural and intergroup relations in America with special emphasis on the examination of major conceptual perspectives that have characterized the study of race and ethnicity in American life.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5763 Contemporary Organizational Theory
Prerequisites: Graduate standing.
Description: Advanced study of contemporary theories used to explain, predict and understand organizations. Behavior of populations of organizations.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5793 Seminar on Organizational Deviance
Description: Overview of contemporary theory and research on organizational deviance. Defining acceptable risk. Organizational structures, processes, and standard operating procedures that produce mistake, misconduct and disaster.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5813 Myths and Realities of Organizational Change
Prerequisites: Graduate standing.
Description: A critical examination of the various theories and models that address change and improvement processes in complex organizations. Theoretical and methodological validity of assumptions underlying such organizational theories and models.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5950 Seminar in Sociology
Prerequisites: Graduate standing.
Description: Special seminar; topics vary from semester to semester. Offered for variable credit, 1-3 credit hours, maximum of 25 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 5980 Internship
Description: Supervised field placement. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 5990 Advanced Problems and Issues in Sociology
Prerequisites: Consent of instructor.
Description: Group enrollment or individual research enrollment as needed. Graduate level analysis of special problems and issues in sociology not covered in other department offerings. May not be used for degree credit with SOC 4990. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 6000 Dissertation
Description: Offered for variable credit, 1-12 credit hours, maximum of 18 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 6213 Theory of Social Structure
Prerequisites: Six hours of undergraduate sociology or equivalent.
Description: Relationship between human thought and the social context within which it arises.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6390 Seminar in the Family, Marriage and Male-Female Roles in American Sociology
Description: Analysis of published research in sociology of family, marriage and male-female roles and relationships with special emphasis on American society. Offered for variable credit, 2-3 credit hours, maximum of 6 credit hours.
Credit hours: 2-3
Contact hours: Contact: 2-3 Other: 2-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 6460 Advanced Studies in Environmental Sociology
Prerequisites: SOC 5463 or consent of instructor.
Description: Intensive examination of selected topics in environmental sociology. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

SOC 6463 International Issues in Environmental Sociology
Prerequisites: Graduate standing.
Description: Advanced study of the international context of environmental issues.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6493 Sociology of Disaster
Description: Critical examination of contemporary theory and research on the social aspects of disasters. Social system response to large-scale crises. Vulnerability, warnings, preparedness, recovery, mitigation, and sustainability.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6653 Seminar in Social Psychology
Description: Development and critical analysis of theory and research in social psychology.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6753 Seminar in Deviance and Criminology
Description: Current research and theory in criminology, penology and deviance in modern society. Previously offered as SOC 6750.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6763 Seminar in Theory of Criminal Behavior Analysis
Description: Critical overview of contemporary theory and research on criminal behavioral analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6853 Seminar in Symbolic Interactionism
Description: Symbolic interactionism, a major contemporary school of thought in sociology and psychology, emerging from philosophical pragmatism with special emphasis on the thoughts of George H. Mead and its derivatives including dramaturgy, existential social psychology, and phenomenological.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Sociology

SOC 6950 Seminar in Social Gerontology
Description: A theoretical and practical examination of the sociological implications, both individual and societal, of an aging population. Offered for variable credit, 2-3 credit hours, maximum of 6 credit hours.
Credit hours: 2-3
Contact hours: Contact: 2-3 Other: 2-3
Levels: Graduate
Schedule types: Independent Study
Department/School: Sociology

Undergraduate Programs

- Sociology, BA (p. 1925)
- Sociology, BS (p. 1928)
- Sociology: Anthropology, BA (p. 1931)
- Sociology: Anthropology, BS (p. 1934)
- Sociology: Criminology and Criminal Justice, BA (p. 1937)
- Sociology: Criminology and Criminal Justice, BS (p. 1940)
- Sociology: Environment and Society, BA (p. 1943)
- Sociology: Environment and Society, BS (p. 1946)
- Sociology: Pre-Law, BS (p. 1949)
- Sociology: Pre-Medical Science, BS (p. 1952)
- Sociology: Social Services, BA (p. 1955)
- Sociology: Social Services, BS (p. 1958)

Graduate Programs

The Department of Sociology offers the Master of Science degree with thesis or non-thesis (terminal degree) options, and the Doctor of Philosophy degree. Programs are designed to prepare students for appointments to the faculty of colleges and universities, to work in private industry and social service agencies, and to be employed in

research positions in business and/or government. The Department offers concentrations in Criminology and Deviance, Environmental Sociology, Social Inequality, Social Movements, and Social Psychology. Excellent training and research opportunities are provided for students in quantitative and qualitative social science research methods and theory, further enhancing opportunities in a wide array of career fields.

Degree Requirements

The MS in sociology thesis option requires a minimum of 31 hours of coursework. The MS in sociology non-thesis option requires 32 hours of coursework. For students pursuing the PhD, a minimum of 90 semester credit hours beyond the baccalaureate, or 60 hours beyond the master's degree, is required. Each PhD student is required to take six hours of sociological theory, and 15 hours of research methods/statistics. Detailed information on each program is available on the Departmental website.

Minors

- Anthropology (ANTH), Minor (p. 1921)
- Criminology and Criminal Justice (CRCJ), Minor (p. 1922)
- Social Justice (SOJU), Minor (p. 1923)
- Sociology (SOC), Minor (p. 1924)

Certificates

- Substance Use, Addiction and Society, UCRT (p. 1961)

Faculty

Kelley Sittner, PhD—Dresser Professor and Department Head
Regents Professors: Riley Dunlap, PhD (emeritus); Duane Gill, PhD (emeritus); Ken Kiser, PhD (emeritus); David Knottnerus, PhD (emeritus)
Professors: Andrew Fullerton, PhD; Bin Liang, PhD; Mike Long, PhD; Tamara Mix, PhD; Jean Van Delinder, PhD
Associate Professors: Jonathan Coley, PhD; Heather McLaughlin, PhD; Stephen Perkins, PhD; Rachel Schmitz, PhD; Monica Whitham, PhD
Assistant Professors: Daniel Alvord, PhD; Katie Constantin, PhD; Alex Diamond, PhD; Jared Fitzgerald, PhD; Nick Heiserman, PhD; Ashley Railey, PhD; Adam Roth, PhD; Corinne Schwarz, PhD
Teaching Assistant Professors: Peyman Hekmatpour, PhD; Jericho McElroy, PhD; Jacob Mwita, PhD

Anthropology (ANTH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

427 Social Sciences and Humanities, 405-744-6114

Minimum Grade Point Average in Minor Coursework: Minimum GPA 2.50 in minor and minimum grade of "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 3353	Cultural Anthropology (IS)	3
Select 3 hours of any level ANTH		3
Select 9 hours upper-division ANTH		9
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Criminology and Criminal Justice (CRCJ), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA: 2.50
Total Hours: 18

Code	Title	Hours
Course Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2113	Introduction to Criminal Justice (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select nine hours from the following:		9
SOC 2213	Gangs and Society (S)	
SOC 2233	Building Partnerships through Policing	
SOC 2243	Sociology of Drugs	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (IS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4313	Sociology of Law	
SOC 4333	Criminology (S)	
SOC 4923	Sociology of Punishment (S)	
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Social Justice (SOJU), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum grade and/or GPA: 2.50 GPA
Total Hours: 18

Code	Title	Hours
Course Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select nine hours of the following:		9
POLS 2313	Social Justice Politics (D)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3993	Sociology of Aging (DS)	
SOC 4153	Sociology of Health and Illness	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4723	Sociology of Families (S)	
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Sociology (SOC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

427 Social Sciences and Humanities, 405-744-6114

Minimum Grade Point Average in Minor Coursework: Minimum GPA 2.50 in minor with minimum grade of "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
Select 3 hours of any level SOC		3
Select 9 hours of upper-division SOC		9
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Sociology, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 3353	Cultural Anthropology (GS)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Select 15 hours of upper-division SOC/ANTH		15
Select 9 hours of upper-division courses (not SOC/ANTH)		9
Hours Subtotal		**45**
Electives		
Select 13 hours		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**13**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
General Education course		4
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
POLS 1113	American Government	3
Foreign Language III		3
General Education courses		6
	Hours	**15**
Spring		
Inequalities SOC course		3
Upper division SOC course		3
General Education courses		9
	Hours	**15**

Junior		
Fall		
SOC 4133	Social Research Methods	3
Upper division SOC course		3
Upper division Non-SOC/ANTH course		3
College and Elective courses		6
	Hours	**15**
Spring		
Inequalities SOC course		3
Upper division SOC course		3
Upper division Non-SOC/ANTH course		3
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
College and Elective courses		12
	Hours	**15**
Spring		
Upper division SOC courses		6
Upper division Non-SOC/ANTH course		3
College and Elective courses		4
	Hours	**13**
	Total Hours	**120**

Sociology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minumum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 3353	Cultural Anthropology (GS)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Select 15 hours of upper-division SOC/ANTH		15
Select 9 hours of upper-division courses (not SOC/ANTH) [1]		9
Hours Subtotal		**45**
Electives		
Select 22 hours. [1]		22
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**22**
Total Hours		**120**

[1] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
General Education course		4
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
POLS 1113	American Government	3
General Education courses		9
	Hours	**15**
Spring		
Inequalities SOC course		3
Upper division SOC course		3
General Education courses		9
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3

Upper division SOC course		3
Upper division Non-SOC/ANTH course		3
College and Elective courses		6
	Hours	**15**
Spring		
Inequalities SOC course		3
Upper division SOC course		3
Upper division Non-SOC/ANTH course		3
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
College and Elective courses		12
	Hours	**15**
Spring		
Upper division SOC courses		6
Upper division Non-SOC/ANTH course		3
College and Elective courses		4
	Hours	**13**
	Total Hours	**120**

Sociology: Anthropology, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
ANTH 1353	Introduction to Anthropology (S)	3
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 2883	Introduction to Archaeology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
ANTH 3353	Cultural Anthropology (GS)	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 9 hours of the following:		9
ANTH 3443	Peoples of Mesoamerica (GS)	
ANTH 4123	Archaeology of North America (S)	
ANTH 4223	The Aztec Empire (H)	
ANTH 4443	Oklahoma Archeology (S)	
Select 6 hours of upper-division SOC		6
Select 12 hours of approved upper-division related courses:		12
ANTH 3443	Peoples of Mesoamerica (GS)	
ANTH 3990	Fieldwork in Anthropology	
ANTH 4123	Archaeology of North America (S)	
ANTH 4223	The Aztec Empire (H)	
ANTH 4443	Oklahoma Archeology (S)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3713	Religion, Culture and Society	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (GS)	
AMIS 4013	American Indian Sovereignty (D)	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3733	History of Latin American Art I	
ART 4603	History of Ancient Egyptian Art	
ART 4763	Native American Art and Material Culture	
BIOL 3113	Human Evolution (N)	
BIOL 3123	Human Heredity (N)	
ENGL 3183	Native American Literature (DH)	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4333	Studies in Native American Literature	
GEOG 3093	Historical Geography of North America to 1800 (H)	

GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)
GEOG 4203	Fundamentals of Geographic Information Systems
GEOG 4303	Applications of the Global Positioning System in Field Research
GEOG 4333	Remote Sensing
GEOG 4353	Geographic Information Systems: Socioeconomic Applications
HIST 3013	Ancient Egypt and Israel (H)
HIST 3023	Ancient Greece (H)
HIST 3043	From the Garden of Eden to Babylon (H)
HIST 3453	Colonial Latin America (H)
HIST 3593	Introduction to Museum and Cultural Studies (H)
HIST 3793	Native American History (DH)
HIST 3853	History of the North American Borderlands (DH)
HIST 4063	Historic Preservation
HIST 4093	Oral History: Theory and Methodology
REL 3573	The Religions of Native Americans (DH)
Hours Subtotal	**51**
Electives	
Select 7 hours	7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour	
Hours Subtotal	**7**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
First Year Seminar		1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
ANTH 1353	Introduction to Anthropology (S)	3
ANTH 2353	Introduction to Biological Anthropology (N)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
	Hours	**15**
Sophomore		
Fall		
ANTH 2883	Introduction to Archaeology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
POLS 1113	American Government	3
Foreign Language III		3
General Education course		3
	Hours	**15**
Spring		
ANTH 3353	Cultural Anthropology (GS)	3
Anthropology related coursework		3
General Education courses		8
	Hours	**14**
Junior		
Fall		
SOC 4133	Social Research Methods	3
Upper-division Anthropology course		3
Anthropology related coursework		3
General Education courses		6
	Hours	**15**
Spring		
Upper-division Anthropology		3
Upper-division Sociology		3
Anthropology related coursework		3
Major and College Electives		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Upper-division Sociology		3
Major and College Electives		9
	Hours	**15**
Spring		
Upper-division Anthropology		3
Anthropology related coursework		3
Major and College Electives		9
	Hours	**15**
	Total Hours	**120**

Sociology: Anthropology, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minumum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
ANTH 1353	Introduction to Anthropology (S)	3
ANTH 2353	Introduction to Biological Anthropology (N)	3
ANTH 2883	Introduction to Archaeology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
ANTH 3353	Cultural Anthropology (GS)	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 9 hours of the following:		9
ANTH 3443	Peoples of Mesoamerica (GS)	
ANTH 4123	Archaeology of North America (S)	
ANTH 4223	The Aztec Empire (H)	
ANTH 4443	Oklahoma Archeology (S)	
Select 6 hours of upper-division SOC		6
Select 12 hours upper-division related courses:		12
ANTH 3443	Peoples of Mesoamerica (GS)	
ANTH 3990	Fieldwork in Anthropology	
ANTH 4123	Archaeology of North America (S)	
ANTH 4223	The Aztec Empire (H)	
ANTH 4443	Oklahoma Archeology (S)	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3713	Religion, Culture and Society	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (GS)	
AMIS 4013	American Indian Sovereignty (D)	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
ART 3733	History of Latin American Art I	
ART 4603	History of Ancient Egyptian Art	
ART 4763	Native American Art and Material Culture	
BIOL 3113	Human Evolution (N)	
BIOL 3123	Human Heredity (N)	
ENGL 3183	Native American Literature (DH)	
ENGL 4073	Introduction to Sociolinguistics	
ENGL 4333	Studies in Native American Literature	
GEOG 3093	Historical Geography of North America to 1800 (H)	

GEOG 3243	Legal Geography of Native America, Sovereign Tribal Nations, and Indian Country (DS)	
GEOG 4203	Fundamentals of Geographic Information Systems	
GEOG 4303	Applications of the Global Positioning System in Field Research	
GEOG 4333	Remote Sensing	
GEOG 4353	Geographic Information Systems: Socioeconomic Applications	
HIST 3013	Ancient Egypt and Israel (H)	
HIST 3023	Ancient Greece (H)	
HIST 3043	From the Garden of Eden to Babylon (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3593	Introduction to Museum and Cultural Studies (H)	
HIST 3793	Native American History (DH)	
HIST 3853	History of the North American Borderlands (DH)	
HIST 4063	Historic Preservation	
HIST 4093	Oral History: Theory and Methodology	
REL 3573	The Religions of Native Americans (DH)	
Hours Subtotal		**51**
Electives		
Select 16 hours		16
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department (see note 2.c.).		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
- **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be applied to degree requirements.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education Course		3
	Hours	**16**
Spring		
ANTH 1353	Introduction to Anthropology (S)	3
ANTH 2353	Introduction to Biological Anthropology (N)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
	Hours	**15**
Sophomore		
Fall		
ANTH 2883	Introduction to Archaeology (S)	3
SOC 3113	Theoretical Thinking in Sociology	3
POLS 1113	American Government	3
Foreign Language III		3
General Education Course		3
	Hours	**15**
Spring		
ANTH 3353	Cultural Anthropology (GS)	3
Anthropology related coursework		3
General Education Courses		8
	Hours	**14**
Junior		
Fall		
SOC 4133	Social Research Methods	3
Upper-division Anthropology course		3
Anthropology related coursework		3
College and Major Electives		6
	Hours	**15**
Spring		
Upper division Anthropology course		3
Upper division Sociology course		3
Anthropology related coursework		3
General Education and College Electives		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Upper division Sociology course		3
College and Major Electives		9
	Hours	**15**
Spring		
Upper division Anthropology course		3
Anthropology related coursework		3
College and Major Electives		9
	Hours	**15**
	Total Hours	**120**

Sociology: Criminology and Criminal Justice, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematics Sciences		
See note 2.b.		3
Foreign Language		
See note 3.		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 1353	Introduction to Anthropology (S)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Criminology and Criminal Justice		
SOC 2113	Introduction to Criminal Justice	3
SOC 4333	Criminology	3
Select 12 hours of the following (3 hours may be lower-division):		12
SOC 2213	Gangs and Society (S)	
SOC 2243	Sociology of Drugs	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4313	Sociology of Law	
SOC 4573	Victimology	
SOC 4923	Sociology of Punishment (S)	
Select 12 hours of approved related courses (3 hours may be lower-division):		12
SOC 2213	Gangs and Society (S)	
SOC 2233	Building Partnerships through Policing	
SOC 2243	Sociology of Drugs	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 3993	Sociology of Aging (DS)	

SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4313	Sociology of Law	
SOC 4383	Social Stratification (S)	
SOC 4573	Victimology	
SOC 4643	Sociology of Gender (S)	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4923	Sociology of Punishment (S)	
EPSY 3213	Psychology of Adolescence	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3893	Terrorism & Counterterrorism	
POLS 3983	Courts and Judicial Process	
PSYC 3443	Psychopathology (S)	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	
Hours Subtotal		**51**
Electives		
Select 7 hours.		7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**7**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
HIST 1103	Survey of American History	3
ENGL 1213	Composition II	3
PSYC 1113	Introductory Psychology (S)	3
SOC 2123	Social Problems (DS)	3
Foreign Language II		3
	Hours	**15**
Sophomore		
Fall		
POLS 1113	American Government	3
SOC 3113	Theoretical Thinking in Sociology	3
Foreign Language III		3
General Education courses		6
	Hours	**15**
Spring		
SOC 2113	Introduction to Criminal Justice	3
Inequalities SOC course		3
General Education courses		9
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3
Inequalities SOC course		3
Criminology & Criminal Justice courses		6
General Education course		3
	Hours	**15**
Spring		
SOC 4333	Criminology	3
Criminology & Criminal Justice courses		6
Upper division General Education courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Criminology & Criminal Justice course		3
College and Elective courses		9
	Hours	**15**
Spring		
Criminology & Criminal Justice courses		9
College and Elective courses		5
	Hours	**14**
	Total Hours	**120**

Sociology: Criminology and Criminal Justice, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematics Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 1353	Introduction to Anthropology (S)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Criminology and Criminal Justice		
SOC 2113	Introduction to Criminal Justice (S)	3
SOC 4333	Criminology (S)	3
Select 12 hours of the following (3 hours may be lower division):		12
SOC 2213	Gangs and Society (S)	
SOC 2243	Sociology of Drugs	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4313	Sociology of Law	
SOC 4573	Victimology	
SOC 4923	Sociology of Punishment (S)	
Select 12 hours of approved related courses (3 hours may be lower-division):		12
SOC 2213	Gangs and Society (S)	
SOC 2233	Building Partnerships through Policing	
SOC 2243	Sociology of Drugs	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3323	Collective Behavior and Social Movements	
SOC 3333	Policing and Society (S)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 3993	Sociology of Aging (DS)	
SOC 4023	Juvenile Corrections and Treatment Strategies	

SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	
SOC 4103	The Death Penalty in America (S)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4313	Sociology of Law	
SOC 4383	Social Stratification (S)	
SOC 4573	Victimology	
SOC 4643	Sociology of Gender (S)	
SOC 4733	Criminal Behavior Analysis	
SOC 4743	Criminalistics: Introduction to Forensic Sciences	
SOC 4753	Advanced Forensics	
SOC 4923	Sociology of Punishment (S)	
EPSY 3213	Psychology of Adolescence	
PHIL 3413	Ethical Theory (H)	
PHIL 3843	Philosophy of Law (H)	
POLS 3893	Terrorism & Counterterrorism	
POLS 3983	Courts and Judicial Process (S)	
PSYC 3443	Psychopathology (S)	
PSYC 4143	Psychology and Law	
PSYC 4213	Conflict Resolution (S)	
Hours Subtotal		**51**
Electives		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
General Education course		4
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
POLS 1113	American Government	3
PSYC 1113	Introductory Psychology (S)	3
General Education courses		6
	Hours	**15**
Spring		
SOC 2113	Introduction to Criminal Justice	3
Inequalities SOC course		3
General Education courses		9
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3
Inequalities SOC course		3
Criminology & Criminal Justice courses		6
General Education course		3
	Hours	**15**
Spring		
SOC 4333	Criminology	3
Criminology & Criminal Justice courses		6
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Criminology & Criminal Justice course		3
College and Elective courses		9
	Hours	**15**
Spring		
Criminology & Criminal Justice courses		9
College and Elective courses		4
	Hours	**13**
	Total Hours	**120**

Sociology: Environment and Society, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematics Sciences		
See note 2.b.		3
Foreign Language		
See note 3		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 1353	Introduction to Anthropology (S)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Environment and Society		
SOC 3323	Collective Behavior and Social Movements	3
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 3343	Technology and Society (S)	3
Select 18 hours of approved related courses (3 hours may be lower-division):		18
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3423	Urban Sociology	
SOC 3953	Applied Sociology	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4493	Sociology of Environmental Hazards and Disasters	
SOC 4533	World Population Problems	
SOC 4643	Sociology of Gender (S)	
AGEC 3023	Farm to Fork	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
ENVR 1113	Elements of Environmental Science (N)	

FDSC 2103	Regional Diversity in Food Production, Selection and Consumption (D)	
FEMP 3103	Introduction to Emergency Management (S)	
GEOG 2002	Global Sustainability (N)	
or GLST 2002	Global Sustainability (N)	
GEOG 2103	Global Perspectives (GS)	
or GLST 2103	Global Perspectives (GS)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 3373	Health and Maps	
GEOG 4003	Natural Hazards and Society	
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
or AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 4523	American Environmental History (H)	
NSCI 3543	Food and the Human Environment (GS)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	
Hours Subtotal		**51**
Electives		
Select 7 hours		7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**7**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
POLS 1113	American Government	3
PSYC 1113	Introductory Psychology (S)	3
Foreign Language II		3
	Hours	**15**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
HDFS 2113	Lifespan Human Development (S)	3
HIST 1103	Survey of American History	3
Foreign Language III		3
General Education course		3
	Hours	**15**
Spring		
SOC 3323	Collective Behavior and Social Movements	3
Inequalities SOC course		3
Environment & Society course		3
General Education courses		7
	Hours	**16**
Junior		
Fall		
SOC 4133	Social Research Methods	3
SOC 4433	Environmental Sociology (S)	3
Environment & Society courses		6
General Education course		3
	Hours	**15**
Spring		
SOC 4453	Environmental Inequality (S)	3
Inequalities SOC course		3
Environment & Society course		3
General Education courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Environment & Society course		3
College and Elective courses		9
	Hours	**15**
Spring		
SOC 3343	Technology and Society (S)	3
SOC 4493	Sociology of Environmental Hazards and Disasters	3
College and Elective courses		7
	Hours	**13**
	Total Hours	**120**

Sociology: Environment and Society, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematics Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA 2.50. Minimum GPA in all SOC/ANTH 2.50 with minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 1353	Introduction to Anthropology (S)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Environment and Society		
SOC 3323	Collective Behavior and Social Movements	3
SOC 4433	Environmental Sociology (S)	3
SOC 4453	Environmental Inequality (S)	3
SOC 3343	Technology and Society (S)	3
Select 18 hours of approved related courses (3 hours may be lower-division):		18
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3423	Urban Sociology	
SOC 3953	Applied Sociology	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4473	Oklahoma Environmental Sociology	
SOC 4493	Sociology of Environmental Hazards and Disasters	
SOC 4533	World Population Problems	
SOC 4643	Sociology of Gender (S)	
AGEC 3023	Farm to Fork	
AGEC 4503	Environmental Economics and Resource Development	
ECON 4913	Urban and Regional Economics	
ENVR 1113	Elements of Environmental Science (N)	
FDSC 2103	Regional Diversity in Food Production, Selection and Consumption (D)	
FEMP 3103	Introduction to Emergency Management (S)	

GEOG 2002	Global Sustainability (N)	
or GLST 2002	Global Sustainability (N)	
GEOG 2103	Global Perspectives (GS)	
or GLST 2103	Global Perspectives (GS)	
GEOG 3153	Conservation of Natural Resources (S)	
GEOG 3373	Health and Maps	
GEOG 4003	Natural Hazards and Society	
HIST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
or AMST 2513	Plantation to Plate: Sugar, Bananas, and Coffee in America (H)	
HIST 4523	American Environmental History (H)	
NSCI 3543	Food and the Human Environment (GS)	
POLS 4363	Environmental Law And Policy	
POLS 4593	Natural Resources and Environmental Policy	
PSYC 4213	Conflict Resolution (S)	
Hours Subtotal		**51**
Electives		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
PSYC 1113	Introductory Psychology (S)	3
POLS 1113	American Government	3
Foreign Language II		3
	Hours	**15**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
HIST 1103	Survey of American History	3
HDFS 2113	Lifespan Human Development (S)	3
General Education courses		7
	Hours	**16**
Spring		
SOC 3323	Collective Behavior and Social Movements	3
Environment & Society course		3
Inequalities SOC course		3
General Education courses		6
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3
SOC 4433	Environmental Sociology (S)	3
Environment & Society courses		6
General Education course		3
	Hours	**15**
Spring		
SOC 4453	Environmental Inequality (S)	3
Environment & Society course		3
Inequalities SOC course		3
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Environment & Society course		3
College and Elective courses		9
	Hours	**15**
Spring		
SOC 4463	Technology and Society	3
SOC 4493	Sociology of Environmental Hazards and Disasters	3
College and Elective courses		7
	Hours	**13**
	Total Hours	**120**

Sociology: Pre-Law, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
PHIL 1313	Logic and Critical Thinking (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
PSYC 1113	Introductory Psychology (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 3353	Cultural Anthropology (GS)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
SOC 3223	Social Psychology (S)	3
SOC 3523	Juvenile Delinquency (DS)	3
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	3
SOC 4313	Sociology of Law	3
SOC 4333	Criminology	3
SOC 4923	Sociology of Punishment (S)	3
Select 9 hours of approved related courses (3 hours may be lower-division):		9
SOC 4103	The Death Penalty in America (S)	
AMIS 4013	American Indian Sovereignty (D)	
AMST 3333	Crime, Law and American Culture (S)	
ECON 2103	Introduction to Microeconomics (S)	
PHIL 3843	Philosophy of Law (H)	
POLS 3963	State Courts and the Bar	
POLS 3983	Courts and Judicial Process	
POLS 4353	Administrative Law	
POLS 4963	U.S. Constitution: Civil Rights and Civil Liberties	
PSYC 4143	Psychology and Law	
SPCH 3733	Elements of Persuasion (S)	
SPCH 4753	Intercultural Communication (G)	
SPCH 4793	Nonverbal Communication (S)	
Hours Subtotal		**48**
Electives		
Select 19 hours		19
May need to include 6 hours of a foreign language (see note 3)		

May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
Hours Subtotal	**19**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
PSYC 1113	Introductory Psychology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
	Hours	**16**

Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
General Education course		4
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
SOC 3223	Social Psychology (S)	3
POLS 1113	American Government	3
HDFS 2113	Lifespan Human Development (S)	3
General Education course		3
	Hours	**15**
Spring		
PHIL 1313	Logic and Critical Thinking (Q)	3
SOC 3523	Juvenile Delinquency (DS)	3
SOC 4033	Comparative Perspectives of Criminal Justice Systems (GS)	3
Inequalities SOC course		3
General Education course		3
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3
SOC 4313	Sociology of Law	3
Pre-Law related course		3
College and Elective courses		6
	Hours	**15**
Spring		
SOC 4333	Criminology	3
Inequalities SOC course		3
College and Elective courses		9
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Pre-Law related course		3
College and Elective courses		7
	Hours	**13**
Spring		
SOC 4923	Sociology of Punishment (S)	3
Pre-Law related course		3
College and Elective courses		9
	Hours	**15**
	Total Hours	**120**

Sociology: Pre-Medical Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	4
or BIOL 1114	Introductory Biology (LN)	
CHEM 1314	Chemistry I (LN)	4
PHYS 1114	College Physics I (LN)	4
or PHYS 2014	University Physics I (LN)	
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**42**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CHEM 1515	Chemistry II (LN)	5
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**14**
Major Requirements		
Minimum GPA 2.50.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 3353	Cultural Anthropology (GS)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 21 hours of upper-division courses:		21
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3223	Social Psychology (S)	
SOC 3993	Sociology of Aging (DS)	
SOC 4043	Gender and Work (DS)	
SOC 4153	Sociology of Health and Illness	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4433	Environmental Sociology (S)	
SOC 4453	Environmental Inequality (S)	
SOC 4533	World Population Problems	
SOC 4643	Sociology of Gender (S)	
BIOL 3023	General Genetics [1]	3
CHEM 3053	Organic Chemistry I [1]	3
CHEM 3112	Organic Chemistry Laboratory [1]	2
CHEM 3153	Organic Chemistry II [1]	3
PHYS 1214	College Physics II (LN) [1]	4
or PHYS 2114	University Physics II (LN)	
Hours Subtotal		**51**
Electives		
Select 13 hours [1, 2]		13
May need to include 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
Hours Subtotal		**13**
Total Hours		**120**

[1] With approval from the advisor and department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for these areas.

[2] Recommended Courses: BIOL 1604 Animal Biology, BIOC 3653 Survey of Biochemistry, and MICR 3033 Cell and Molecular Biology.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
BIOL 1114	Introductory Biology (LN)	4

STAT 2013	Elementary Statistics (Q)	3
	Hours	**14**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
CHEM 1314	Chemistry I (LN)	4
HIST 1103	Survey of American History	3
POLS 1113	American Government	3
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
CHEM 1515	Chemistry II (LN)	5
Foreign Language I		3
Pre-Med SOC course		3
	Hours	**14**
Spring		
BIOL 1604	Animal Biology	4
MICR 2123	Introduction to Microbiology	3
Foreign Language II		3
Pre-Med SOC course		3
General Education course		3
	Hours	**16**
Junior		
Fall		
BIOL 3023	General Genetics	3
CHEM 3053	Organic Chemistry I	3
Pre-Med SOC course		3
General Education courses		6
	Hours	**15**
Spring		
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
SOC 4133	Social Research Methods	3
College and Elective courses		6
	Hours	**14**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
PHYS 1114	College Physics I (LN)	4
Pre-Med SOC courses		6
General Education course		3
	Hours	**16**
Spring		
PHYS 1214	College Physics II (LN)	4
Pre-Med SOC courses		6
College and Elective courses		5
	Hours	**15**
	Total Hours	**120**

Sociology: Social Services, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
HDFS 2113	Lifespan Human Development (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		9
Natural & Mathematics Sciences		
See note 2.b.		3
Foreign Language		
See note 3.		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA in al SOC/ANTH courses 2.50 with a minimum grade of “C” in all SOC/ANTH courses.		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 1353	Introduction to Anthropology (S)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Social Services		
SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
Select 9 hours of the following:		9
SOC 2243	Sociology of Drugs	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
Select 9 hours of approved related courses (3 hours may be lower-division):		9
SOC 2243	Sociology of Drugs	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 3993	Sociology of Aging (DS)	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (GS)	

HDFS 2123	Intellectual and Developmental Disabilities Across the Family Life Course (D)	
HDFS 2133	Navigating the Aging, Disability, and Community Living Service Network	
HDFS 2453	Management of Human and Family Service Programs	
HDFS 3413	Infant and Child Development	
HDFS 3423	Adolescent and Youth Development (S)	
HDFS 3443	Family Dynamics	
HDFS 4413	Successful Aging (S)	
HDFS 4423	Family Risk and Resilience	
HDFS 4473	Policy, Law and Advocacy	
HDFS 4813	Dying, Death and Bereavement	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3613	Community Health	
HLTH 3913	Substance Use & Public Health	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
MGMT 4093	Management of Nonprofit Organizations	
PSYC 4213	Conflict Resolution (S)	
Hours Subtotal		**51**
Electives		
Select 7 hours.		7
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**7**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
A&S 1111	A&S First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
General Education course		4
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
Inequalities SOC course		3
PSYC 1113	Introductory Psychology (S)	3
POLS 1113	American Government	3
Foreign Language III		3
	Hours	**15**
Spring		
HDFS 2113	Lifespan Human Development (S)	3
SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
General Education courses		6
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3
Inequalities SOC course		3
Social Services course		3
General Education courses		6
	Hours	**15**
Spring		
SOC 4153	Sociology of Health and Illness	3
Social Services courses		6
General Education courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Social Services course		3
College and Elective courses		7
	Hours	**13**
Spring		
SOC 4723	Sociology of Families (S)	3
Social Services courses		6
College and Elective courses		6
	Hours	**15**
	Total Hours	**120**

Sociology: Social Services, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q)	3
or STAT 2053	Elementary Statistics for the Social Sciences (Q)	
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
HDFS 2113	Lifespan Human Development (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematics Sciences		
See note 2.b.		9
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum major GPA 2.50 in major block.		
Minimum GPA in all SOC/ANTH courses 2.50 with a minimum grade of "C" in all SOC/ANTH courses..		
Minimum 30 hours of courses with SOC/ANTH prefix.		
Core Requirements		
SOC 1113	Introductory Sociology (S)	3
SOC 2123	Social Problems (DS)	3
or ANTH 1353	Introduction to Anthropology (S)	
SOC 3113	Theoretical Thinking in Sociology	3
SOC 4133	Social Research Methods	3
SOC 4243	Quantitative Methods in Sociology	3
Select 6 hours of the following:		6
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3993	Sociology of Aging (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
Social Services		
SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
SOC 4153	Sociology of Health and Illness	3
SOC 4723	Sociology of Families (S)	3
Select 9 hours of the following:		9
SOC 2243	Sociology of Drugs	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
Select 9 hours of approved related courses (3 hours may be lower-division):		9
SOC 2243	Sociology of Drugs	
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 3523	Juvenile Delinquency (DS)	
SOC 3953	Applied Sociology	
SOC 3993	Sociology of Aging (DS)	
SOC 4023	Juvenile Corrections and Treatment Strategies	
SOC 4043	Gender and Work (DS)	
SOC 4213	Sociology of Sexualities (S)	
SOC 4383	Social Stratification (S)	
SOC 4643	Sociology of Gender (S)	
SOC 4653	Gender and the Middle East (GS)	
HDFS 2123	Intellectual and Developmental Disabilities Across the Family Life Course (D)	

HDFS 2133	Navigating the Aging, Disability, and Community Living Service Network	
HDFS 2453	Management of Human and Family Service Programs	
HDFS 3413	Infant and Child Development	
HDFS 3423	Adolescent and Youth Development (S)	
HDFS 3443	Family Dynamics	
HDFS 4413	Successful Aging (S)	
HDFS 4423	Family Risk and Resilience	
HDFS 4473	Policy, Law and Advocacy	
HDFS 4813	Dying, Death and Bereavement	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3613	Community Health	
HLTH 3913	Substance Use & Public Health	
GWST 3553	LGBTQ Lives in the United States (D)	
GWST 3613	Race and Reproduction in the U.S. (D)	
MGMT 4093	Management of Nonprofit Organizations	
PSYC 4213	Conflict Resolution (S)	
Hours Subtotal		**51**
Electives		
Select 16 hours		16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 1 additional upper-division hour.		
Hours Subtotal		**16**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as

these changes do not result in semester credit hours being added or do not delay graduation.

- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
SOC 1113	Introductory Sociology (S)	3
ENGL 1113	Composition I	3
STAT 2013	Elementary Statistics (Q)	3
Foreign Language I		3
General Education course		3
	Hours	**16**
Spring		
SOC 2123	Social Problems (DS)	3
ENGL 1213	Composition II	3
HIST 1103	Survey of American History	3
Foreign Language II		3
General Education course		4
	Hours	**16**
Sophomore		
Fall		
SOC 3113	Theoretical Thinking in Sociology	3
PSYC 1113	Introductory Psychology (S)	3
POLS 1113	American Government	3
Inequalities SOC course		3
General Education course		3
	Hours	**15**
Spring		
SOC 3223	Social Psychology (S)	3
SOC 3323	Collective Behavior and Social Movements	3
HDFS 2113	Lifespan Human Development (S)	3
General Education courses		6
	Hours	**15**
Junior		
Fall		
SOC 4133	Social Research Methods	3
Inequalities SOC course		3
Social Services course		3
College and Elective courses		6
	Hours	**15**
Spring		
SOC 4153	Sociology of Health and Illness	3
Social Services courses		6
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
SOC 4243	Quantitative Methods in Sociology	3
Social Services course		3
College and Elective courses		9
	Hours	**15**
Spring		
SOC 4723	Sociology of Families (S)	3
Social Services courses		6
College and Elective courses		4
	Hours	**13**
	Total Hours	**120**

Substance Use, Addiction and Society, UCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Total Hours: 18

Code	Title	Hours
SOC 2123	Social Problems (DS)	3
SOC 2243	Sociology of Drugs	3
SOC 4153	Sociology of Health and Illness	3
PHIL 2573	Drugs, Philosophy & Society (H)	3
Select six credit hours from:		6
HLTH 3113	Health Issues in Diverse Populations (D)	
HDFS 4473	Policy, Law and Advocacy	
PSYC 4283	Health Psychology	
SPCH 4753	Intercultural Communication (G)	
Total Hours		**18**

Statistics

Statistics is the science of learning from data. It is concerned with the development of theory and with the application of that theory to the collection, analysis, and interpretation of quantitative information.

Because statistics is important in many scholarly disciplines, a degree in statistics provides the opportunity to enter not only the statistics profession but also many other fields which make extensive use of statistics. The areas of application include agriculture, the biological sciences, engineering, the physical sciences, the social sciences, education, business, and home economics, among others. Statistics also promises to be important in emerging endeavors such as pollution and environmental research, energy utilization, and health-care administration.

Those who pursue the study of statistics should be interested in scientific inquiry and should have a good mathematical background. In addition, it is desirable that they have a genuine interest in another discipline and learn some application of statistics in that discipline.

Careers in government, industry, and education, involving the disciplines previously mentioned, are open to the statistics graduate. In government and industry a statistician usually serves as a researcher or as a consultant to research scientists and decision-makers. In education, of course, the teaching function is added to those of research and consultation.

The Department of Statistics offers the BS and MS degrees to those interested in applications of statistics, and the PhD degree to those who wish to make original contributions to the theory of statistics.

Courses

STAT 1013 Statistical Literacy (Q)
Prerequisites: An acceptable placement score (see placement.okstate.edu).
Description: This course focuses on statistical concepts and conclusions rather than on computations. Topics include descriptive measures, graphical representations, measures of center and variability, discussion of variability, sampling techniques, conditional probability interpretation and ramifications, confidence interval interpretation, practical vs. statistical significance, formulation and interpretation of hypothesis testing and p-values.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 2013 Elementary Statistics (Q)
Prerequisites: MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see mathplacement.okstate.edu).
Description: An introductory course in the theory and methods of statistics. Descriptive measures, elementary probability, sampling, estimation, hypothesis testing, correlation and regression. Same course as STAT 2023 or STAT 2053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought
Additional Fees: STAT 2013 Corequisite Lab fee of $90 applies.

STAT 2023 Elementary Statistics for Business and Economics (Q)
Prerequisites: MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see mathplacement.okstate.edu).
Description: Basic statistics course for undergraduate business majors. Descriptive statistics, basic probability, discrete and continuous distributions, point and interval estimation, hypothesis testing, correlation and simple linear regression. Same course as STAT 2013 or STAT 2053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 2053 Elementary Statistics for the Social Sciences (Q)
Prerequisites: MATH 1483 or higher, except MATH 1493, with a grade of "C" or better; or an acceptable placement score (see mathplacement.okstate.edu).
Description: An introductory course in the theory and methods of statistics. Descriptive measures, elementary probability, sampling, estimation, hypothesis testing, correlation and regression. Same course as STAT 2013 or STAT 2023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 2331 SAS Programming
Prerequisites: A different programming language or consent of instructor.
Description: SAS as a general purpose programming language, data representation, input/output, use of built-in procedures, report generation. Course previously offered as CS 2331.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 2890 Honors Experience in Statistics
Prerequisites: Honors Program participation and concurrent enrollment in a designated STAT course.
Description: A supplemental Honors experience in statistics to partner concurrently with designated statistics courses. This course adds a different intellectual dimension to the designated courses. Offered for fixed credit, 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Honors Credit

STAT 3013 Intermediate Statistical Analysis
Prerequisites: STAT 2013, STAT 2023 or STAT 2053.
Description: Applications of elementary statistics, introductory experimental design, introduction to the analysis of variance, simple and multiple linear regression, nonparametric statistics, survey sampling and time series. Data analysis using Excel included.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 3023 Statistical Reasoning for Medical Applications (Q)
Prerequisites: MATH 1483 or MATH 1513 or higher on an acceptable math placement score. See mathplacement.okstate.edu.
Description: This course focuses on developing the quantitative skills necessary for success in medical school and related activities. Topics include study design, descriptive measures, graphical representations, basic probability, statistical inference, correlation and regression, contingency tables.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 3033 Sports Analytics (Q)
Prerequisites: Any of the following: MATH 1483, or MATH 1513, or an equivalent college algebra course, or math placement score of 50 or higher.
Description: This course focuses on developing the quantitative skills necessary to analyze both sports performance metrics and sports business data. Topics include introduction to data ecosystems, building relational databases. data visualization techniques, computation and evaluation of performance metrics, exploring statistical relationships, predictive modelling, analytics in sports marketing. and data-driven decision-making in sports management.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 4013 Statistical Methods I (Q)
Prerequisites: MATH 1513 or higher, with a grade of "C" or better; or an acceptable placement score (see mathplacement.okstate.edu).
Description: Basic experimental statistics, basic probability distributions, methods of estimation, tests of significance, linear regression and correlation, analysis of variance for data that are in a one way, a two-way crossed, or in a two-fold nested classification. Same course as STAT 4053.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 4023 Statistical Methods II
Prerequisites: STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.
Description: Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple regression in estimation and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4063 or STAT 5563.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4033 Engineering Statistics
Prerequisites: MATH 2133 or MATH 2163.
Description: Probability, random variables, probability distributions, estimation, confidence intervals, hypothesis testing, linear regression. No degree credit for students with credit in STAT 4073.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4043 Applied Regression Analysis
Prerequisites: One of STAT 4013, STAT 4033, STAT 4053, STAT 5013 or equivalent.
Description: Matrix algebra, simple linear regression, residual analysis techniques, multiple regression, dummy variables, interactions, model building, introduction to logistic regression. This course explains fundamentals of linear regression and provides an introduction to logistic regression. May not be used for degree credit with STAT 5543.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4053 Statistical Methods I for the Social Sciences (Q)
Prerequisites: MATH 1513 or higher, with a grade of "C" or better; or an acceptable placement score (see mathplacement.okstate.edu).
Description: Basic experimental statistics, basic probability distributions, methods of estimation, tests of significance, linear regression, calculation and analysis of variance for one and two-way classifications. Same course as STAT 4013.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics
General Education and other Course Attributes: Analytical & Quant Thought

STAT 4063 Statistical Methods II for the Social Sciences
Prerequisites: STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.
Description: Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4023 and STAT 5563.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4073 Engineering Statistics with Design of Experiments
Prerequisites: MATH 2163.
Description: Random variables and basic probability distributions, estimation, confidence intervals, hypothesis testing, basic analysis of variance, factorial arrangement of treatments and fractional factorial experiments, elementary quality control. No degree credit for students with credit in STAT 4033.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4091 Sas Programming
Prerequisites: STAT 4013 or equivalent.
Description: SAS dataset construction, elementary statistical analysis, and use of statistics and graphics procedures available in SAS. No credit for students with credit in STAT 5091.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4123 Probability Theory
Prerequisites: MATH 2163 and either MATH 2233 or MATH 3013.
Description: Basic probability, including conditional, marginal, and joint distributions. Random variables, moments, independences and dependence, common distributions, and distributions of functions of random variables.Course explains probability calculations, the usefulness of probability, and fundamentals required for obtaining sampling distributions. Useful in preparing for the actuarial P exam. May not be used for degree credit with STAT 4203, STAT 5123 and STAT 5253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4191 R Programming
Prerequisites: STAT 4013 or equivalent.
Description: R dataset construction, elementary statistical analysis, and use of statistics and graphics with R. May not be used for degree credit with STAT 4193, STAT 5191, STAT 5193.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4193 SAS and R Programming
Prerequisites: STAT 4013 or equivalent.
Description: SAS and R dataset construction, elementary statistical analysis, and use of statistics and graphics with SAS and R. May not be used for degree credit with STAT 4091, STAT 4191, STAT 5091, STAT 5191, STAT 5193.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4203 Mathematical Statistics I
Prerequisites: MATH 2163 with a grade of "C" or better.
Description: Probability, random variables such as Poisson, Geometric, Hypergeometric, Uniform, Normal, Gamma, Beta, Exponential and their distributions, independence and correlation, multivariate distributions, marginal and conditional probabilities, functions of random variables, order statistics and their distributions, moment generating functions, the Central Limit Theorem. May not be used for degree credit with STAT 4123 and STAT 5253.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4213 Mathematical Statistics II
Prerequisites: STAT 4203 or STAT 4123.
Description: Methods of estimating population parameters such as point and confidence interval estimation for a mean, proportion, and the difference between means and proportions, maximum likelihood methods, method of moments, hypothesis testing and its applications, sample size estimation, linear regression models, and categorical data analysis. May not be used for degree credit with STAT 5263.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4463 Statistical Machine Learning with R
Prerequisites: STAT 4043.
Description: Computationally intense statistical methods for prediction and classification with R. Topics are bias-variance tradeoff; prediction and classification error; cross validation; bootstrapping; linear and logistic regression; discriminant functions; k-nearest neighbors; local and spline-based regression; generalized additive models; model selection and regularization; support vector machines; decision trees; principle component analysis; cluster analysis. May not be used for degree credit with STAT 5063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4910 Special Studies
Prerequisites: Consent of instructor.
Description: Special subjects in statistics. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Statistics

STAT 4980 Internship in Statistics
Prerequisites: Consent of instructor.
Description: Directed practicum or internship experience in a Statistics-related professional work setting. Students must have an approved internship that will provide statistical experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Statistics

STAT 4981 Statistics Capstone I
Prerequisites: STAT 4023, STAT 4043, STAT 4091 or STAT 4193; and STAT 4203 or concurrent enrollment.
Description: Information and preparation for graduate school for statistics undergraduates, communication skills for collaborating with scientists, introduction to research in statistics.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4991 Statistics Capstone II
Prerequisites: STAT 4023 and STAT 4043 and STAT 4091 or STAT 4193; and STAT 4203 or concurrent enrollment.
Description: Career skills for statistics undergraduates entering the workforce, communication skills for collaborating with scientists.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Statistics

STAT 4993 Senior Honors Project
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors project under the direction of a faculty member, with a second faculty reader and an oral examination. Required for graduation with departmental honors in statistics.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Statistics
General Education and other Course Attributes: Honors Credit

STAT 5000 Master's Research
Prerequisites: Consent of advisory committee.
Description: Methods of research and supervised thesis or report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Statistics

STAT 5002 Applied Masters Creative Component
Prerequisites: Consent of advisory committee.
Description: Creative component for Applied Masters in Statistics.
Credit hours: 2
Contact hours: Contact: 2 Other: 2
Levels: Graduate
Schedule types: Independent Study
Department/School: Statistics

STAT 5003 Statistics for Medical Residents
Prerequisites: Employed as a medical or veterinary resident or permission of instructor.
Description: Survey of statistical methodology relevant to health care professionals. Basic understanding of statistics presented in recent medical literature. Hypothesis testing, ANOVA techniques, regression, categorical techniques. Same course as BIOM 5003.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5013 Statistics for Experimenters I
Prerequisites: Graduate standing and MATH 1513.
Description: Introductory statistics course for graduate students. Descriptive statistics, basic probability, estimation, hypothesis testing, p-values, analysis of variance, multiple comparisons, correlation and linear regression, categorical data analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5023 Statistics for Experimenters II
Prerequisites: Graduate standing and STAT 4023 or STAT 5013.
Description: Analysis of variance, contrasts and multiple comparisons, factorial experiments, variance components and their estimation, completely randomized, randomized block and Latin square designs, split plot experiments.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5033 Nonparametric Methods
Prerequisites: One of STAT 4023, STAT 4043, STAT 5023 or consent of instructor.
Description: A continuation of STAT 4013 and STAT 4023, concentration on nonparametric methods. Alternatives to normal-theory statistical methods; analysis of categorical and ordinal data, methods based on rank transforms, measures of association, goodness of fit tests, order statistics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5043 Sample Survey Designs
Prerequisites: One of STAT 4013, STAT 4033, STAT 5013 or consent of instructor.
Description: Constructing and analyzing personal, telephone and mail surveys. Descriptive surveys including simple random, stratified random designs. Questionnaire design, frame construction, non-sampling errors, use of random number tables, sample size estimation and other topics related to practical conduct of surveys.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5053 Time Series Analysis
Prerequisites: STAT 4043.
Description: An applied approach to the analysis of time series in the time domain. Trends, autocorrelation, random walk, seasonality, stationarity, autoregressive integrated moving average (ARIMA) processes, Box-Jenkins method, forecasting.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5063 Statistical Machine Learning with R
Prerequisites: STAT 5543.
Description: Computationally intense statistical methods for prediction and classification with R. Topics are bias-variance tradeoff; prediction and classification error; cross validation; bootstrapping; linear and logistic regression; discriminant functions; k-nearest neighbors; local and spline-based regression; generalized additive models; model selection and regularization; support vector machines; decision trees; principle component analysis; cluster analysis. May not be used for degree credit with STAT 4463.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5073 Categorical Data Analysis
Prerequisites: STAT 5223, STAT 5023 or equivalent or concurrent enrollment.
Description: Analysis of data involving variables of a categorical nature. Independence/association test for contingency tables, exact tests for small counts, generalized linear models, logistic regression models for binary response variables, loglinear models for count data, analyses of ordinal variables, multicategory logit models for multiple category responses, and applications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5083 Statistics for Biomedical Researchers
Prerequisites: STAT 5013.
Description: Analysis of variance, experimental designs pertaining to medical research, regression and data modeling, categorical techniques and the evaluation of diagnostic tests. No credit for students with credit in STAT 5023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5091 Sas Programming
Prerequisites: STAT 5013 or equivalent.
Description: SAS dataset construction, elementary statistical analysis, and use of statistics and graphics procedures available in SAS. No credit for students with credit in STAT 4091.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5093 Statistical Computing
Prerequisites: STAT 5223.
Description: Random variable generation; numerical calculations of maximum likelihood estimators, computer intensive exact tests; randomized tests; bootstrap and cross validation methods, Monte Carlo integration and simulation; Markov Chain Monte Carlo methods for Bayesian estimation.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5123 Probability Theory
Prerequisites: MATH 2163 and one other course in MATH that has either MATH 2144 or MATH 2153 as a prerequisite.
Description: Basic probability, including conditional, marginal, and joint distributions. Random variables, moments, independences and dependence, common distributions, and distributions of functions of random variables. Course explains probability calculations, the usefulness of probability, and the fundamentals required for obtaining sampling distributions. Useful in preparing for the actuarial P exam.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5133 Stochastic Processes
Prerequisites: STAT 5123 and MATH 2233, MATH 3013.
Description: Definition of a stochastic process, probability structure, mean and covariance function, the set of sample functions, stationary processes and their spectral analyses, renewal processes, counting processes, discrete and continuous Markov chains, birth and death processes, exponential model, queuing theory. Same course as IEM 5133 & MATH 5133.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5191 R Programming
Prerequisites: STAT 4013 or STAT 5013.
Description: R dataset construction, elementary statistical analysis, and use of statistics and graphics with R. May not be used for degree credit with STAT 4191, STAT 4193, STAT 5193.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5193 SAS and R Programming
Prerequisites: STAT 5013 or equivalent.
Description: SAS and R dataset construction, elementary statistical analysis, and use of statistics and graphics with SAS and R. May not be used for degree credit with STAT 4091, STAT 4191, STAT 4193, STAT 5191, STAT 5091.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5213 Bayesian Analysis
Prerequisites: STAT 5123 or STAT 5253 or STAT 4203 or consent of instructor.
Description: Bayes rule, fundamentals of Bayesian statistics, conjugate priors, posterior and predictive inference. Markov chain Monte Carlo, computation and software, hierarchical models, convergence diagnostics, Bayes factor, nonparametric Bayes.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5223 Statistical Inference
Prerequisites: STAT 5123 and MATH 3013.
Description: Convergence concepts, Central Limit Theorem, sampling distributions, point estimation, maximum likelihood methods, Bayesian estimation, Cramer-Rao lower bound, confidence intervals. Hypothesis testing including Neyman-Pearson tests, uniformly most powerful tests, and generalized likelihood ratio tests. Course derives and explains testing and estimation included in introductory statistics courses. Useful for understanding assumptions and theory in common statistical methods. Previously offered as STAT 4223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5253 Mathematical Statistics I
Prerequisites: MATH 2163 with a grade of "C" or better.
Description: Probability, random variables such as Poisson, Geometric, Hypergeometric, Uniform, Normal, Gamma, Beta, Exponential and their distributions, independence and correlation, multivariate distributions, marginal and conditional probabilities, functions of random variables, order statistics and their distributions, moment generating functions, the Central Limit Theorem. No credit for students with credit in STAT 4203 or STAT 4123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5263 Mathematical Statistics II
Prerequisites: STAT 5253 or STAT 4123.
Description: Methods of estimating population parameters such as point and confidence interval estimation for a mean, proportion, and the difference between means and proportions, maximum likelihood methods, method of moments, hypothesis testing and its applications, sample size estimation, linear regression models, and categorical data analysis. No credit for students with credit in STAT 4213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5303 Experimental Designs
Prerequisites: STAT 5023 or STAT 4023 with consent of instructor.
Description: Students will identify treatment structures and design structures, conduct the analyses of data from experimental scenarios, and interpret the results. The understanding and preparation of statistical analysis statements for publication are also covered. Analysis topics include: ANOVA, multiple comparisons, factorial experiments, complete and incomplete block designs, linear mixed models analysis (including repeated measures analysis), split-plot experiments, 2n and 3n factorial experiments, fractional factorial experiments, crossover designs, ANCOVA and SAS programming.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5323 Generalized, Linear and Mixed Models
Prerequisites: (STAT 4213 or STAT 5263 or STAT 5223) and MATH 3013 and (STAT 5013 or STAT 5543 or STAT 4023 or STAT 4043)
Description: Review of relevant matrix theory; multivariate normal distribution; maximum likelihood estimation; linear models with applications in regression and analysis of variance; linear mixed models with applications in blocked designs, repeated measures and longitudinal data analysis; generalized linear models with applications in logistic regression and Poisson regression. This course is ideal for researchers needing more in-depth understanding of linear models in advanced data analysis.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5333 Theory of Linear Models
Prerequisites: STAT 5323.
Description: Matrix theory (generalized inverse, idempotent matrix, and non- negative matrix results), multivariate normal distribution, quadratic forms, chi-square distribution, linear models, estimability, general hypothesis testing.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5503 Statistical Literacy for Researchers
Prerequisites: MATH 1513.
Description: This course focuses on developing the statistical skills graduate students will utilize in deciphering the wealth of data available today. The course focuses on concepts and conclusions rather than on computations. Topics include descriptive statistics, basic probability, confidence interval, hypothesis testing and p-values, analysis of variance, design of experiments, categorical data analysis, multiple linear regression, logistic regression, and nonparametric statistics. This course cannot be used as a prerequisite for other statistics courses.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5513 Multivariate Analysis
Prerequisites: STAT 5323.
Description: Multivariate normal distribution, simple, partial and multiple correlation, multivariate sampling distributions. Wishart distribution, general T-distribution, estimation of parameters and tests of hypotheses on vector means and covariance matrix. Classification problems, discriminate analysis, and applications.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5543 Applied Regression Analysis
Prerequisites: One of STAT 4013, STAT 4033, STAT 4053, STAT 5013 or equivalent.
Description: Matrix algebra, simple linear regression, residual analysis techniques, multiple regression, dummy variables, interactions, model building, introduction to logistic regression. This course explains fundamentals of linear regression and provides an introduction to logistic regression. May not be used for degree credit with STAT 4043.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5563 Statistical Methods II for the Social Sciences
Prerequisites: STAT 3013 or STAT 4013 or STAT 4033 or STAT 4053.
Description: Basic concepts of experimental design. Analysis of variance, covariance, split-plot design. Factorial arrangements of treatments, multiple and curvilinear regression, enumeration data. May not be used for degree credit with STAT 4023 and STAT 4063.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5653 Data Engineering
Prerequisites: (STAT 5253 or STAT 5123 or IEM 5003) and IEM 5083
Description: Course focuses on advanced data engineering and data mining methods to solve problems under data-rich scenarios. Covers a collection of methods including a review of supervised learning and detailed discussions of unsupervised learning. Course will also cover a series of data engineering tools such as data visualization and data preprocessing. Cutting-edge data mining methods will also be introduced. The introduced methods and tools will be showcased using real-world data sets in various areas such as manufacturing, healthcare, and agriculture. Same course as IEM 5653 and MATH 5653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 5910 Seminar in Statistics
Prerequisites: Consent of instructor.
Description: Investigation of special problems in the theory and/or application of statistics using current techniques. Special studies for M.S. level students. Offered for variable credit, 1-6 credits. maximum of 3 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Statistics

STAT 5980 Internship in Statistics
Prerequisites: Consent of instructor.
Description: Directed practicum or internship experience in a Statistics-related professional work setting. Students must have an approved internship that will provide statistical experience beyond that available in the classroom. Students produce written analyses of their work and learning under the guidance of the instructor and internship site supervisor. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Statistics

STAT 6000 Doctoral Dissertation
Prerequisites: Consent of advisory committee.
Description: Directed research culminating in the PhD thesis. Offered for variable credit, 1-10 credit hours, maximum of 30 credit hours.
Credit hours: 1-10
Contact hours: Contact: 1-10 Other: 1-10
Levels: Graduate
Schedule types: Independent Study
Department/School: Statistics

STAT 6010 Statistics Literature
Prerequisites: Consent of instructor.
Description: Published journal articles from statistics or related areas are discussed. Previously offered as STAT 6001. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 6013 Genetic Statistics
Prerequisites: Elementary Statistics or with the permission of the instructor.
Description: Course provides a statistical basis for analyzing genetic sequence data. Review of basic concepts in statistics including graphical and numerical methods, sample size estimation for biological experiments, and hypothesis testing. Review of basic concepts in genetics including DNA, genes, alleles, polymorphisms, SNP's. Descriptive statistics for genetic sequences, use of statistical tools for sequence analysis and statistical inference with R.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 6113 Advanced Probability Theory
Prerequisites: STAT 5123 and MATH 5143.
Description: Measure theoretical presentation of probability, integration and expectation, product spaces and independence, conditioning, different kinds of convergence in probability theory, statistical spaces, characteristic functions and their applications. Previously offered as STAT 5113.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 6203 Large Sample Inference
Prerequisites: STAT 5223 and STAT 6113.
Description: Different types of convergence in probability theory, central limit theorem, consistency, large sample estimation and tests of hypotheses, concepts of asymptotic efficiency, nonparametric tests. Previously offered as STAT 5203.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 6223 Advanced Statistical Inference
Prerequisites: STAT 6113.
Description: Point estimation, maximum likelihood, Cramer-Rao inequality, confidence intervals, Neyman-Pearson theory of testing hypothesis and power of test. Previously offered as STAT 6213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Statistics

STAT 6910 Special Problems
Prerequisites: Consent of instructor.
Description: Investigation of special problems in the theory and application of statistics using current techniques. Special studies for PhD level students. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.
Credit hours: 1-12
Contact hours: Contact: 1-12 Other: 1-12
Levels: Graduate
Schedule types: Independent Study
Department/School: Statistics

Undergraduate Programs

- Statistics, BS (p. 1974)
- Statistics: Actuarial Science, BS (p. 1977)
- Statistics: Business Essentials, BS (p. 1980)
- Statistics: Data Science, BS (p. 1983)

Graduate Programs Admission Requirements

It is necessary to have an undergraduate degree, not necessarily in statistics or mathematics, to begin a program of study toward the master's degree in statistics. In some instances, it may be advantageous to have an undergraduate degree in another field. However, the student should have acquired a good mathematical background and some statistical background as an undergraduate. Also, each student is required to have completed CS 1113 Computer Science I (A) or to have demonstrated competence in a programming language such as C. This should be equivalent to the required courses in the bachelor's program:

Code	Title	Hours
MATH 2144	Calculus I (Q)	4
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (Q)	3
MATH 3013	Linear Algebra (Q) (not required for Applied MS)	3
MATH 4013	Calculus of Several Variables (not required for Applied MS)	3
CS 1113	Computer Science I (Q)	3

Students admitted to the program with deficiencies will be required to remedy such deficiencies. MATH 3013 and MATH 4013 are not required for the Master of Science in Applied Statistics.

The Master of Science Degree

The Master of Science degree in statistics is designed to prepare students for work as a statistician or doctoral studies in statistics. It may be completed by following one of the three plans listed in the "Graduate College (p. 3005)" section of the Catalog. Normally, the all-course work plan will be initiated at the suggestion of the faculty. Each student will be required to attain an introductory knowledge of some field of application outside of statistics, mathematics, and computer science. This requirement may be satisfied by having taken a three-hour graduate course in an approved field of statistical application.

The Master of Science in Applied Statistics Degree

The Master of Science in Applied Statistics (MSAS) degree can be completed with online coursework. It is intended to be a terminal professional master's degree. It is not intended to be preparation for doctoral work in statistics. Neither comprehensive exams nor a thesis or formal report is required for completion of this degree. A two-hour creative component course is required at the end of the matriculation through the program. More information regarding this degree can be found on the OSU Statistics Department website.

The Doctor of Philosophy Degree

The PhD requires the completion of 90 hours beyond the BS degree. A maximum of 30 of these credit hours may be earned by research for the dissertation. Each student will be required to attain an introductory knowledge of some field of application which may be satisfied by taking a three-hour graduate course outside the fields of statistics, mathematics, and computing.

Minors

- Applied Statistics (APST), Minor (p. 1971)
- Statistical Data Science (SDSC), Minor (p. 1972)
- Statistics (STAT), Minor (p. 1973)

Faculty

Melinda H. McCann, PhD—Professor and Head
Professors: Carla L. Goad, PhD; Joshua Habiger, PhD; Lan Zhu, PhD
Associate Professors: Ye Liang, PhD; Pratyaydipta Rudra, PhD
Assistant Professors: Sangyoon Yi, PhD; Zeyi Wang, PhD
Teaching Assistant Professor: Nishantha Samarakoon, PhD; Nicholas Kaukis, PhD
Lecturer: Jana Alford, MS

Applied Statistics (APST), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C"
Total Hours: 15

Code	Title	Hours
Minor Requirements		
STAT 4013	Statistical Methods I (Q)	3
or STAT 3013	Intermediate Statistical Analysis	
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4463	Statistical Machine Learning with R	3
or STAT 5033	Nonparametric Methods	
or STAT 5053	Time Series Analysis	
12 of the 15 hours must be in residence at OSU.		
Total Hours		**15**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Statistical Data Science (SDSC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 18

Code	Title	Hours
Minor Requirements		
STAT 4013	Statistical Methods I (Q)	3
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
MSIS 3223	Principles of Data Analytics	3
MSIS 3333	Database Systems Development	3
12 of the 18 hours must be in residence at OSU.		
Total Hours		**18**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Statistics (STAT), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Grade Point Average in Minor Coursework: 2.50
Total Hours: 25

Code	Title	Hours
Minor Requirements		
MATH 2144	Calculus I (Q)	4
MATH 2153	Calculus II (Q)	3
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 3013	Intermediate Statistical Analysis	
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
Total Hours		**25**

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Statistics, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q)	4
MATH 2153	Calculus II (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 1103	Computer Programming (Q)	3
or CS 1113	Computer Science I (Q)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3
or MATH 4513	Introduction to Numerical Analysis	
Foreign Language		
See note 3		
0-6 hours		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
Statistics Core Courses (25 hours)		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (Q)	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 3013	Intermediate Statistical Analysis	
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
Area of Application (9 hours)		
Select 18 hours of the following:		9
AGEC 3213	Quantitative Methods in Agricultural Economics	
AGEC 3603	Agricultural Finance	
AGEC 4213	Advanced Quantitative Methods in Agricultural Economics	
AGEC 4223	Quantitative Supply Chain Management in Agribusiness	
AGEC 4613	Advanced Agricultural Finance	
CS 3353	Data Structures and Algorithm Analysis I	
CS 3443	Computer Systems	
CS 3653	Discrete Mathematics for Computer Science	
ECON 3113	Intermediate Microeconomics	
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 3113	Principles of Finance	
FIN 4223	Investments	
FIN 4333	Financial Modeling	
FIN 4763	Financial Futures and Options Markets	
IEM 3703	Probability and Statistics for Engineers II	
IEM 4013	Operations Research	
IEM 4103	Quality Control and Reliability Analysis	
IEM 4113	Experimental Design and Analysis for Engineering	
MATH 3613	Introduction to Abstract Algebra	

MATH 4013	Calculus of Several Variables
MATH 4423	Geometry and Algorithms in Three-Dimensional Modeling
MATH 4453	Mathematical Interest Theory
MATH 4553	Introduction to Optimization
MATH 4663	Combinatorics
MSIS 3223	Principles of Data Analytics
MSIS 3233	Management Science - Prescriptive Analytics
MSIS 3243	Descriptive Analytics
MSIS 3333	Database Systems Development
MSIS 3393	Advanced Spreadsheet Modeling and Programming
STAT 4463	Statistical Machine Learning with R
STAT 4980	Internship in Statistics (max 3 hours)
STAT 5053	Time Series Analysis

9 additional upper-division hours from Area of Application or 9 upper-division hours of one prefix from CS, ECON, FIN, IEM, MATH (excluding MATH 3303, 3403, or 3603), MSIS, MKTG, MGMT, STAT, or other upper-division courses approved by the department	9
Hours Subtotal	**43**
Electives	
Select 24 hours	24
May need to include 6 hours of a foreign language (see note 3)	
May need to include 6 hours upper-division general education outside major department (see note 2.c.)	
MATH 1513 and/or MATH 1813 required for students who do not place directly into MATH 2144.	
Hours Subtotal	**24**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
MATH 2144	Calculus I (Q)	4
General Education and Elective courses (MSIS 2103 recommended)		10
	Hours	**15**
Spring		
MATH 2153	Calculus II (Q)	3
If interested in Economics or Finance Application, consider ECON 2003 or 2103, and ACCT 2003.		
General Education courses		12
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (Q)	3
General Education courses		9
	Hours	**15**
Spring		
MATH 3013	Linear Algebra (Q)	3
STAT 4023	Statistical Methods II	3
CS 1113 or CS 1103	Computer Science I (Q) or Computer Programming (Q)	3
College and Elective courses		6
	Hours	**15**
Junior		
Fall		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Area of Application		3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
STAT 4203	Mathematical Statistics I	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
3 hours from Area of Application		3
3 hours from Concentration		3
Major, College, and Elective courses		2
	Hours	**15**
Spring		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		8
	Hours	**15**
	Total Hours	**120**

[1] Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.

Statistics: Actuarial Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one from the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q)	4
MATH 2153	Calculus II (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
ECON 2103	Introduction to Microeconomics (S) [1,2]	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 1103	Computer Programming (Q)	3
or CS 1113	Computer Science I (Q)	
MATH 2233	Differential Equations	3
MATH 4513	Introduction to Numerical Analysis	3
or CS 3513	Numerical Methods for Digital Computers	
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "'C" in each course.		
No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.		
Statistics Core Courses (25 hours):		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (Q)	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 3013	Intermediate Statistical Analysis	
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4123	Probability Theory [3]	3
or STAT 4203	Mathematical Statistics I	
STAT 4213	Mathematical Statistics II [2]	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
Actuarial Science Requirements (24 hours):		
ACCT 2003	Survey of Accounting [2]	3
ECON 2203	Introduction to Macroeconomics [2]	3
FIN 3113	Principles of Finance [2]	3
MATH 4453	Mathematical Interest Theory [3]	3
Select 6 hours from:		6
ECON 4213	Econometric Methods	
ECON 4223	Business and Economic Forecasting	
FIN 3613	General Insurance	
FIN 4223	Investments	
FIN 4333	Financial Modeling	
FIN 4763	Financial Futures and Options Markets	
FIN 4843	Risk Management	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis	
Select 6 hours from:		6
ECON 3113	Intermediate Microeconomics	
MATH 3613	Introduction to Abstract Algebra	
MATH 4013	Calculus of Several Variables	
MATH 4553	Introduction to Optimization	
MATH 4663	Combinatorics	
MGMT 3013	Fundamentals of Management (S)	
or any upper-division AGEC, ECON, FIN.		
Hours Subtotal		**49**
Electives		
Select 18 hours.		18

May need to include 6 hours of a foreign language. See note 3.	
May need to include 6 hours upper-division general education outside major department. See note 2.c.	
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
SPCH 2713 highly recommended.	
Hours Subtotal	**18**
Total Hours	**120**

1 College and Departmental Requirements that may be used to meet General Education requirements.

2 Minimum grade of "B" required for the Society of Actuaries' Validation by Educational Experience (VEE) certification. See soa.org/education/exam-req/edu-vee/ (https://www.soa.org/education/exam-req/edu-vee/).

3 Minimum grade of "B" recommended as preparation for Society of Actuaries' preliminary exams, along with additional self-study from exam preparation materials as needed. See soa.org/education/exam-req/edu-asa-req/ (https://www.soa.org/education/exam-req/edu-asa-req/).

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
MATH 2144	Calculus I (Q)	4
General Education and Elective courses (MSIS 2103 recommended)		11
	Hours	**16**
Spring		
MATH 2153	Calculus II (Q)	3
ECON 2103	Introduction to Microeconomics (S)	3
General Education courses		9
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (Q)	3
ACCT 2003	Survey of Accounting	3
General Education courses		6
	Hours	**15**
Spring		
MATH 3013	Linear Algebra (Q)	3
STAT 4023	Statistical Methods II	3
CS 1103 or CS 1113	Computer Programming (Q) or Computer Science I (Q)	3
FIN 3113	Principles of Finance	3
College and Elective courses		3
	Hours	**15**
Junior		
Fall		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Actuarial Science courses		3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
STAT 4043	Applied Regression Analysis	3
MATH 4453	Mathematical Interest Theory (Recommended: SOA Exam FM Preparation)	3
Major Elective		3
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Concentration		3
Major, College, and Elective courses		5
	Hours	**15**
Spring		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
3 hours from Actuarial Science courses		3
Major elective		3
Elective courses		4
	Hours	**14**
	Total Hours	**120**

Statistics: Business Essentials, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q)	4
MATH 2153	Calculus II (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
MGMT 3013	Fundamentals of Management (S)	3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
See note 2.a.		3
Natural & Mathematical Sciences		
CS 1103	Computer Programming (Q)	3
or CS 1113	Computer Science I (Q)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3
or MATH 4513	Introduction to Numerical Analysis	
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.		
Statistics Core Courses:		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (Q)	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 3013	Intermediate Statistical Analysis	
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
Area of Application:		
9 hours to be selected from upper-division CS, ECON, FIN, IEM, MATH (excluding MATH 3303, 3403, or 3603), MSIS, STAT (no more than 3 hours of STAT 4980).		9
ACCT 2003	Survey of Accounting	3
MKTG 3213	Marketing (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
LSB 3213	Legal and Regulatory Environment of Business	
MSIS 2103	Business Data Science Technologies	
Hours Subtotal		**43**
Electives		
Select 24 hours.		24
May need 6 hours of a foreign language. See note 3.		
May need to include 6 hours upper-division general education outside major department. See note 2.c.		
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.		
SPCH 2713 highly recommended.		
Hours Subtotal		**24**
Total Hours		**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
MATH 2144	Calculus I (Q)	4
General Education and Elective courses (MSIS 2103 recommended)		10
	Hours	**15**
Spring		
MATH 2153	Calculus II (Q)	3
ECON 2003	Microeconomic Principles for Business	3
ACCT 2003	Survey of Accounting	3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3

STAT 4013	Statistical Methods I (Q)	3
MGMT 3013	Fundamentals of Management (S)	3
General Education courses		6
	Hours	**15**
Spring		
MATH 3013	Linear Algebra (Q)	3
STAT 4023	Statistical Methods II	3
CS 1103 or CS 1113	Computer Programming (Q) or Computer Science I (Q)	3
MKTG 3213	Marketing (S)	3
College and Elective courses		3
	Hours	**15**
Junior		
Fall		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
3 hours from Area of Application		3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
STAT 4043	Applied Regression Analysis	3
3 hours from Area of Application		3
Major, College, and Elective courses		9
	Hours	**15**
Senior		
Fall		
STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Area of Application		3
Major, College, and Elective courses		5
	Hours	**15**
Spring		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
Major, College, and Elective courses		11
	Hours	**15**
	Total Hours	**120**

Statistics: Data Science, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH 2144	Calculus I (Q)	4
MATH 2153	Calculus II (Q)	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		6
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course.		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Courses designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours may be required to meet the total 40-hour minimum of general education credit if courses carry more than one general education designation and can be used to meet multiple general education designation hour requirements above.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		0
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
(see note 2.a.)		3
Natural & Mathematical Sciences		
CS 1103	Computer Programming (Q)	3
or CS 1113	Computer Science I (Q)	
CS 2133	Computer Science II	3
or MATH 2233	Differential Equations	
CS 3513	Numerical Methods for Digital Computers	3
or MATH 4513	Introduction to Numerical Analysis	
Foreign Language		
0-6 hours. See note 3.		
Upper-Division General Education		
6 hours outside major department (See note 2.c.)		
Hours Subtotal		**13**
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course.		
No more than 29 hours from ACCT, BADM, ECON, EEE, FIN, LSB, MGMT, MKTG, MSIS may be applied to the degree.		
Statistics Core Courses		
MATH 2163	Calculus III	3
MATH 3013	Linear Algebra (Q)	3
STAT 4013	Statistical Methods I (Q)	3
or STAT 3013	Intermediate Statistical Analysis	
STAT 4023	Statistical Methods II	3
STAT 4043	Applied Regression Analysis	3
STAT 4193	SAS and R Programming	3
STAT 4203	Mathematical Statistics I	3
STAT 4213	Mathematical Statistics II	3
STAT 4981	Statistics Capstone I	1
or STAT 4991	Statistics Capstone II	
Data Science		
MSIS 2103	Business Data Science Technologies	3
MSIS 3333	Database Systems Development	3
STAT 4463	Statistical Machine Learning with R	3
Select 9 hours from the following:		9
MSIS 2203	Computer Programming for Business	
MSIS 3223	Principles of Data Analytics	
MSIS 3233	Management Science - Prescriptive Analytics	
MSIS 3243	Descriptive Analytics	
MSIS 3393	Advanced Spreadsheet Modeling and Programming	
MSIS 4263	Business Intelligence and Predictive Analytics	
MSIS 4623	Data Science Programming	
MSIS 4673	Data Visualization	
STAT 4980	Internship in Statistics (max 3 hours)	
STAT 5053	Time Series Analysis	
Select 6 additional hours from Data Science courses or 6 hours from any upper-division CS, MATH (excluding MATH 3303, 3403, or 3603), MKTG, MGMT, MSIS, or STAT.		6
Hours Subtotal		**49**
Electives		
18 hours		18
May need to include 6 hours of a foreign language. (see note 3.)		
May need to include 6 hours upper-division general education outside major department (see note 2.c.)		

MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.	
Hours Subtotal	**18**
Total Hours	**120**

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
MATH 2144	Calculus I (Q)	4
MSIS 2103	Business Data Science Technologies	3
General Education and Elective courses (MSIS 2103 recommended)		7
	Hours	**15**
Spring		
MATH 2153	Calculus II (Q)	3

General Education courses		12
	Hours	**15**
Sophomore		
Fall		
MATH 2163	Calculus III	3
STAT 4013	Statistical Methods I (Q)	3
MSIS 3103	End User Database Systems Design and Management	3
General Education courses		6
	Hours	**15**
Spring		
MATH 3013	Linear Algebra (Q)	3
STAT 4023	Statistical Methods II	3
CS 1113 or CS 1103	Computer Science I (Q) or Computer Programming (Q)	3
College and Elective courses		6
	Hours	**15**
Junior		
Fall		
STAT 4193	SAS and R Programming	3
CS 2133 or MATH 2233	Computer Science II or Differential Equations	3
MSIS 3223	Principles of Data Analytics	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
STAT 4043	Applied Regression Analysis	3
MSIS 3233	Management Science - Prescriptive Analytics	3
Major Elective		3
College and Elective courses		6
	Hours	**15**
Senior		
Fall		
STAT 4203	Mathematical Statistics I	3
CS 3513 or CS 4513	Numerical Methods for Digital Computers or Introduction to Numerical Analysis	3
STAT 4981	Statistics Capstone I (if Grad School bound)	1
3 hours from Data Science courses		3
Major Elective		3
College and Elective courses		2
	Hours	**15**
Spring		
STAT 4213	Mathematical Statistics II	3
STAT 4991	Statistics Capstone II (if Industry bound)	1
STAT 4463	Statistical Machine Learning with R	3
Elective courses		8
	Hours	**15**
	Total Hours	**120**

Theatre

The Department of Theatre offers the Bachelor of Arts in Theatre degree and minors in Theatre and Dance.

The BA degree is a generalist degree, designed to provide a broad background in practical and theoretical areas while allowing students to develop an area of emphasis. The BA in Theatre is a comprehensive 45-hour degree with coursework in performance, technical theatre, directing, design, theatre history and dramatic literature. Students may elect an emphasis in performance, technical theatre, and design, or a combination of performance and design/tech. This degree program is ideally suited for students interested in several areas of performance and production and who desire a comprehensive education in every aspect of theatre. The size of the degree plan allows for students to pursue a double major or minor in another discipline.

An active production program in two well-equipped theatre spaces augments coursework. The regular production schedule consists of four faculty-supported main stage productions each year and two to four studio productions that are primarily directed, designed, and performed by students. Students also have the opportunity to study with a variety of guest artists and scholars during each academic year.

In addition to professional careers in acting and production, this major can lead to careers in arts management, teaching, law, counseling, or any career area where effective personal communication, team work, problem solving, and creativity are essential.

Courses

DANC 1003 Introduction to Dance Studies (H)
Description: Explore dance as an art form and academic discipline within a global context. No prior dance experience necessary.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Human Heritage & Cultures

DANC 1200 Dance Ensemble Practicum
Description: Directed study and practice of dance in performance as a soloist or ensemble member. Offered for variable credit, 1-2 credit hours, maximum of 6 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Theatre

DANC 2002 Ballet I
Description: Fundamentals of ballet vocabulary, technique, and aesthetics taught through exercises at the barre, center work, and movement combinations. Suitable for the beginning through advanced student.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 2102 Contemporary Modern Dance I
Description: Class provides an introduction to the use of gravity, spatial awareness, rhythm, and energy through study of global influences which construct contemporary dance - through floor work, center, and traveling combinations. Suitable for the beginning through advanced student.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 2202 Jazz Dance
Description: Jazz dance techniques for theatrical performance emphasizing body alignment, coordination, flexibility, rhythm and jazz dance vocabulary in simple dance combinations. Suitable for the beginning through advanced student. Previously offered as TH 2412.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 2302 Tap I
Description: Fundamentals of tap dance techniques for theatrical performance emphasizing coordination, rhythm, and dance vocabulary in simple tap combinations. Suitable for the beginning through intermediate student. Previously offered as TH 2432.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 2402 Hip Hop Dance and Cultures
Description: This class provides an introduction to hip hop dance techniques and histories. Grounded in appropriate historical and cultural contexts, students will experience various styles under the Hip Hop "umbrella", and develop an understanding of the socio-cultural forces which shape the form.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 2563 American Social Dance and Visual Culture
Description: This introductory course offers a beginning-level survey of the cultural history of social dance in North America from the eighteenth century to the present. It combines study of the history, theory, and visual/material culture of social dance with physical practice of specific dance forms. Because few comprehensive written sources exist for social dance, visual art, including film, animation, paintings, sculpture, photography, and illustration, is a vital tool for understanding historic dance and its role in American society. Over the course of the semester, we will examine the visual culture of social dance in order to gain insight into its historical functions as a tool for social cohesion, intercultural exchange, protest/activism, and identity formation, among other things. Through the practice of these dance forms, we will add an experiential component to our analysis of the roles that social dance has played in American culture over time. Same course as ART 2563.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Theatre

DANC 2602 Dance Composition
Prerequisites: DANC 2002 and DANC 2102 or permission of instructor.
Description: An investigation of the elements of dance composition and improvisation in order to experience new kinds of movement, make connections among varied movement ideas, and seek new relationships to create dances. A primer for choreographic studies.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 2603 Context and Cultures: Mapping the Dancing Body (H)
Description: This course orients students to the field of dance as an art form and academic discipline that exists beyond simple entertainment. Through readings, video viewing, discussions, writing, and creative assignments students will attune to "reading" the body as a space of intelligence, a creator and product of culture, and entwined within its socio-political contexts. Students will apply critical lenses of gender, race/ethnicity, economics, sexuality, and colonial/post-colonial/neo-colonialism to analyze systems of power. Coursework is curated to encourage curiosity, critical engagement, and a layered understanding of the rich lineages of dance. Students will demonstrate their understanding through written, spoken, and movement-based work.
Credit hours: 3
Contact hours: Contact: 3 Other: 3
Levels: Undergraduate
Schedule types: Discussion
Department/School: Theatre
General Education and other Course Attributes: Human Heritage & Cultures

DANC 3002 Ballet II
Prerequisites: DANC 2002 or permission of instructor.
Description: Building upon Ballet I, this course emphasizes technical and artistic skills in style and presentation, and the use of increasingly complex combinations and technical vocabulary.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 3102 Contemporary Modern Dance II
Prerequisites: DANC 2102 or permission of instructor.
Description: Building on DANC 2102, class provides a continued investigation in to the use of gravity, spatial awareness, rhythm, and energy through study of global influences which construct contemporary dance - through floor work, center, and traveling combinations. Suitable for intermediate through advanced students.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 3302 Tap II
Prerequisites: DANC 2302 or permission of instructor.
Description: This class builds on the skills developed in Tap I, with a focus on complex rhythmic patterns, advanced tap steps, and Broadway choreography. Recommended for the Intermediate to advanced student.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 3400 Teaching Assistant Practicum
Prerequisites: Permission of instructor.
Description: Directed study and practice of dance teaching. This course provides the opportunity for students to learn about the process of teaching through active observation and assisting the instructor during a dance course. Offered for variable credit, 1-2 credit hours, maximum of 3 credit hours.
Credit hours: 1-2
Contact hours: Lecture: 1-2 Lab: 2-4 Contact: 3-6
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 3502 Musical Theatre Dance
Prerequisites: Ballet 1 or consent of instructor.
Description: Course focuses on training performers in the various dance styles used in Broadway and Off-Broadway musicals, and demonstrates the dance skills through performance of choreography by well-known choreographers.
Credit hours: 2
Contact hours: Lecture: 1 Lab: 2 Contact: 3
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 3530 Special Topics in Dance
Prerequisites: Instructor approval.
Description: This course offers specialized topics in dance techniques and dance histories. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Lab: 1-4 Contact: 2-7
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

DANC 3603 Choreography
Prerequisites: DANC 2602 or permission of instructor.
Description: Building upon DANC 2602 Dance Composition, this course is an investigation of dance composition and the choreographic process. Students will learn and execute the fundamentals of dance choreography.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

DANC 3703 Competition Dance - Through an Ethnographic Lens
Description: This upper-level course provides students the opportunity to learn, broadly, about dance as an expression of culture and, specifically, about the phenomenon of commercial competition dance in the United States. Through readings, lectures, discussion, and active fieldwork, students will learn about and utilize Ethnography as a framework for research; apply critical lenses to analysis of research, and plan, administer, and report on active field research. From week to week, students will observe and analyze filmed competition dance classes, rehearsals, and performances through critical research lenses of economics, pedagogy, race/ethnicity, gender, and performance of sexuality. Students will also consider factors of child development as they relate to these lenses. Final work will be submitted as a written report and a verbal presentation developed in collaboration with a small group of peers.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1223 Acting Fundamentals for Non-Majors
Description: This acting course introduces students to fundamental acting techniques. Through lecture and application, students will focus on observation, improvisation, and performances, learning to effectively express themselves orally and physically, develop empathy, enhance communication skills, nurture creativity, and build leadership and teamwork abilities.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1301 BFA Acting Laboratory
Description: The BFA Acting Laboratory is a course designed to give students the opportunity to explore concepts from their acting class in a laboratory environment. Using group problem-solving techniques, students will create weekly performances, critically respond to others performances and develop a sense of community within the BFA environment.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1310 BFA Movement Laboratory 1
Description: The BFA Movement Laboratory is a course designed to give students the opportunity to explore concepts from their movement class in a laboratory environment. Students will be developing and strengthening their physical instrument (mind, body, voice) through rigorous physical investigation including yoga, tai chi, circuit training, circus, acrobatics, strength training, kinesthetic awareness and flexibility. Previously offered as TH 1311. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.
Credit hours: 1-4
Contact hours: Lab: 2-8 Contact: 2-8
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 1313 Vocal Technique
Description: This course is a foundational class in singing and vocal technique. Students will learn the basics of singing in a group laboratory setting. From understanding the anatomy and elements of your instrument, to breath and proper breathing technique, to phrasing and placement, this is a step-by-step guide designed to enable all students to sing safely and strengthen their voice.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 1323 Acting I - Fundamentals of Acting
Description: An introduction to the craft of acting for performance: ensemble techniques, vocal and physical development for the actor, fundamental scene and character analysis, basic audition techniques, and scene performance workshops. No previous experience necessary. Previously offered as TH 1322.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1330 BFA Movement Laboratory 2
Description: The BFA Movement Laboratory 2 is a course designed to give students the opportunity to explore advanced concepts from their movement class in a laboratory environment working in ensemble. Students will be developing and strengthening their physical instrument (mind, body, voice) through rigorous physical investigation including partner yoga, adagio, advanced circus, advanced acrobatics, dramatic acrobatics, long form tai chi and mask work. Offered for fixed credit, 1 credit hour, maximum of 4 credit hours.
Credit hours: 1
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 1333 Voice for the Actor
Description: Study of the skills required to develop an expressive, resonant voice, and Improved speech on and off the stage. The class will focus on freeing the breath, the release of physical tenslon, the flexibility of the voice, and application of vocal and physical variety as It pertains to the impulse to speak. Content includes vocal anatomy, methods to prevent vocal Injury, and an Introduction of the International Phonetic Alphabet.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1403 Musicianship for the Singing Actor I
Prerequisites: Theatre major, Musical Theatre Major.
Description: This course develops core musical skills that actors need for interacting with a score-based art form. Topics include critical listening, aural skills, and improvisation as well as reading and writing musical notation. Focusing on practical needs in the industry, students develop skills in keyboarding, conducting, and audio production.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1413 Musicianship for the Singing Actor II
Prerequisites: TH 1403 or Instructor Permission.
Description: This course builds advanced musical skills following the basics acquired in Musicianship for the Singing Actor I. Students learn sight-singing, ensemble collaboration, back-phrasing, and recitative. Focusing on practical needs in the industry, students develop skills in keyboarding, conducting, and audio production.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 1500 Run Crew Practicum
Description: Practical application of run crew duties by participation in technical rehearsals and performances for a Theatre Department Production. Offered for fixed 1 credit hour, maximum of 6 credit hours.
Credit hours: 1
Contact hours: Contact: 1 Other: 1
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Theatre

TH 1663 Stage Technology
Description: An introduction to technical concepts for theatrical productions in the performance and entertainment disciplines. Lectures provide preparatory principles, concepts, and theory; laboratory hours teach hands-on skills needed in the technical production environment including scenographic elements and fabrication. Course previously offered as TH 1664.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 1673 Costume Technology
Description: An introduction to technical concepts for theatrical productions in the performance and entertainment disciplines. Lectures provide preparatory principles, concepts, and theory; laboratory hours teach hands-on skills needed in the costume production environment including hand and machine sewing and pattern making. Previously offered as TH 1674 and TH 2673.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 2213 Dialects and Accents for Stage and Screen
Prerequisites: TH 1333 Voice and Movement.
Description: The study and practice of dialects and accents most frequently required by American actors. The course will Include the study of the cultural impact on speech and dialect acquisition. Students will be expected to use the International Phonetic Alphabet for transcriptions.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 2320 Performance Lessons I
Prerequisites: BFA Musical Theatre major or instructor permission.
Description: This one-on-one vocal coaching focuses on learning and performing musical theatre song as well as other popular styles encountered by the modern singing actor (jazz, pop, rock, country). Emphasis is on healthy singing, musical style, developing practice routines, and analyzing music and lyrics. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.
Credit hours: 1-2
Contact hours: Lecture: 1-2 Contact: 1-2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2323 Acting II - Character Development
Prerequisites: TH 1323.
Description: A continuation of the actor's process to the intermediate level. Content will include further character study, scene analysis, Improvisation, and applied Stanlslavski based techniques. Scene work will focus on truthful behavior through imaginary circumstances on the stage, including extreme circumstances, using active or event analysis. Audition techniques will be further developed. Students will see OSU Theatre Department or professional productions and write critical responses to that work.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 2413 Introduction to Staged Entertainment (H)
Description: Explores storytelling through performance and how staged and filmed performances create and convey meaning in western society. Attendance of productions and study of acting, directing, entertainment technology, dramatic structure, and artistic movements. For non-majors; may not be used for credit for the BA Theatre, BFA Acting, BFA Music Theatre, and BFA Theatre Arts degree plans; no prior theatre experience necessary.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Human Heritage & Cultures

TH 2500 Production Crew Practicum
Description: Laboratory experience in the theatrical production process through participation on a production crew for a department production or semester. Course previously offered as TH 1501. Offered for variable credit,1-2 credit hours, maximum of 8 credit hours.
Credit hours: 1-2
Contact hours: Contact: 1-2 Other: 1-2
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Theatre

TH 2553 Fundamentals of Theatrical Design
Description: A comprehensive exploration of the essential principles, theories, and practices in theatrical design for performance and entertainment disciplines. Students will be equipped with the foundation of the creative processes that bring performances to life by crafting compelling and immersive storytelling by means of design. Through a blend of lectures, practical projects, and critical analysis, students will cultivate the solid skill sets of an ideal theatrical designer.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2563 Script Analysis
Description: The study of writing for performance from the point of view of entertainment professionals, including directors, designers, performers and technicians. Course focuses on the techniques necessary for the translation of the written text into production.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2593 Lighting Technology
Description: An introduction to the principles and practices of stage lighting in performance and entertainment disciplines. Includes theoretical explorations and hands-on practice of elementary electricity, mechanics of lighting equipment, and artistic aspects of lighting technology that enhance performance and entertainment productions.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2633 Movement for the Actor
Prerequisites: TH 1323 Acting I.
Description: This is an introductory course to the physical aspects of role creation. It introduces the student to a variety of methodologies to increase somatic awareness used in analyzing and altering physical performance for the stage. The students will be evaluated on the application of theories discussed and demonstrated in class.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 2653 Drafting for Theatre
Description: Approaches to standard drafting concepts and techniques for performance and entertainment disciplines, including manual and computer aided generation of theatrical graphics.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2753 Stage Management
Description: An introduction to stage management for the performing arts. Emphasis on basic stage management skills, professional etiquette, and incorporation of digital tools and documentation. Overview of stage management relationships with other departments, timelines of productions, and application of stage management skills in other areas of performance and entertainment disciplines.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2833 Transition to Professions in Design and Technology
Prerequisites: TH 1663 and TH 1673; and TH 1500 or TH 2500.
Description: Preparation for transition into the professional world for theatre designers and technicians. Includes career development, national/international theatre organizations, portfolio preparation, websites, resume/application writing and interviewing. Course previously offered as TH 3533.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 2971 Stage Makeup
Description: Techniques of basic stage makeup. Application of makeup including a study of facial anatomy and character development. Laboratory work in preparation for departmental productions. Course previously offered as TH 3971.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 3183 Theatrical Scenic Design
Prerequisites: TH 2553 and TH 2563 or consent of instructor.
Description: Approaches to designing scenery for performance and entertainment disciplines. Through lectures and practical exercises, students will learn to create visually compelling environments by integrating research and conceptual analysis. Focusing on the entire design process, including technical considerations and collaboration, students will develop the skills needed to become a successful theatrical scenic designer. Previously offered as TH 4183.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3203 Musical Theatre Vocal Styles I
Prerequisites: TH 1323, Acting 1: Fundamentals of Acting
Description: This course explores the musical features and vocal styles represented in early 20th century Musical Theatre literature including operetta, Golden-Age, and musical comedy. Core topics include tone, diction, phrasing, and vibrato as well as the physicality and movements associated with a style period. Students apply these styles and techniques to their own performance. The course includes critical viewing and listening of musical theatre repertoire.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3233 Musical Theatre Vocal Styles II
Prerequisites: TH 1323, Acting 1: Fundamentals of Acting
Description: This course explores the musical features and vocal styles represented in the second half of the 20th century musical theatre literature, extending to contemporary works, including rock, pop, county, and folk. Core topics include tone, diction, phrasing, and vibrato as well as the physicality and movements associated with a style period. Students apply these styles and techniques to their own performance. The course includes critical viewing and listening of musical theatre repertoire.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3320 Performance Lessons II
Prerequisites: TH 2320 and Instructor Permission.
Description: Building on Performance Lessons I, this upper-level one-on-one vocal coaching explores the synthesis of music and lyrics within theatre song as well as popular styles encountered by the modern singing actor (jazz, pop, rock, country). Emphasis is on advanced techniques in vocal style, musical phrasing, lyric analysis, diction, and performance. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.
Credit hours: 1-2
Contact hours: Lecture: 1-2 Contact: 1-2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3323 Theatrical Sound Design and Technology
Prerequisites: TH 2553 and TH 2563 or consent of instructor.
Description: A comprehensive exploration of creating immersive and impactful sound environments for performance and entertainment disciplines. Students will acquire the skills needed to design, implement, and manage sound for theatrical productions using various technologies and techniques. Previously offered as TH 4223.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3343 Acting for Musical Theatre
Prerequisites: TH 1323 or Instructor's permission.
Description: Acting for Musical Theatre is a performance-oriented course in which students will apply fundamentals of acting to musical theatre song. Students will workshop and perform musical theatre songs of multiple genres and develop skills in acting, and movement. This course will be a combination of lecture and practical application of learned concepts.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3373 Acting III - Shakespeare
Prerequisites: TH 1323 and TH 2323 or consent of instructor.
Description: Designed to provide a foundational understanding and working knowledge of many of Shakespeare's plays, this course will use a combination of both lecture and action-based studio work to expand and refine the actor's skills. Physical and vocal techniques needed to perform classical verse plays will be included. Course previously offered as TH 4143.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3400 Upper-Division Projects
Prerequisites: Consent of instructor.
Description: Individual or group study of techniques, history, or literature of the theatre. Required project or term paper. May not be used for degree credit with TH 5400. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Theatre

TH 3433 Acting for the Camera
Prerequisites: TH 1323 and TH 2323 or consent of instructor.
Description: An introduction to acting with electronic media technology. Through a series of exercises and scenes students will become familiar with the similarities and differences of acting on stage and with technology.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3500 Theatre Practicum II
Prerequisites: Consent of instructor.
Description: Advanced laboratory experience in theatre production, design, acting, and/or major crew assignments. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Contact: 1-3 Other: 1-3
Levels: Undergraduate
Schedule types: Independent Study
Department/School: Theatre

TH 3503 Digital Branding for the Performer
Description: This course surveys the development of radio, television, cable/satellite, and digital media, including the Internet and how it affects the modern actor. We will focus on how technology and industrial control of the electronic media shape an actor's content. The purpose of this course is to provide you with a solid understanding of how the electronic media function in modern life in terms of the social, political, and cultural impact for the actor. Students will be utilizing film, editing software, social media, website design to create content and audition reels.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3530 Topics in Performance
Prerequisites: Consent of instructor.
Description: Specialized topics in acting or directing. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3593 Theatrical Lighting Design
Prerequisites: TH 2593, TH 2553, and TH 2563 or consent of instructor.
Description: Approaches to the principles and techniques of lighting design for performance and entertainment disciplines. Students will learn to research, conceptualize, and execute lighting design through a combination of theoretical study and practical application. Previously offered as TH 4593.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3633 Contemporary Voices of American Drama (DH)
Description: Survey of dramatic literature and theatre created by a multiplicity of dramatists and theatre companies in the United States. Course focus may either be a broad investigation of drama across many different groups of people in the US or an in-depth exploration of the theatrical activity of one group of people.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Diversity, Human Heritage & Cultures

TH 3683 Theatrical Craftworks
Prerequisites: TH 1663 and TH 1673
Description: Explores materials and techniques and develops skills for the creation of theatrical crafts used in the performance and entertainment disciplines. Projects reinforce hands-on skills for the utilization of materials and techniques necessary for advanced theatrical craftwork.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3822 Advanced Stage Movement
Prerequisites: TH 2633 or instructor's permission.
Description: This course investigates kinesthesia In the actor through a progression of exercises that strengthen physical agility, listening, and responding. The student will deepen the connection between impulse and action through mask, physical comedy, biomechanics, and plastique training. Students will liberate the right-brained imagination for transformative performance, preparing the student for In-depth exploration of character development, with emphasis on ensemble collaboration.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 3823 Advanced Voice for the Stage
Prerequisites: TH 1333.
Description: This course is a continuation of the development and practice of skills in breathing, phonation and resonance, with added attention being paid to the analysis, expression and pronunciation of elevated and/or poetic drama. Students will also investigate how different acoustical spaces require different vocal techniques needed for the amplification of the voice.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3843 Musical Theatre Scene Study
Prerequisites: TH 2323 Acting 2: Character Development
Description: Musical Theatre Scene Study is an advanced performance course focusing on musical theatre scenes. This course will be a combination of lecture and practical application of learned concepts, focusing on navigating the transition between scene and song.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3853 Auditioning
Prerequisites: TH 3843 or TH 3373 or Instructor's permission.
Description: This course wIll develop the tools necessary for professional development and pursuit of work as a theatrical performer. Students will prepare for and experience practical musical and non-musical in-person and video auditions. Main topics Include self-tapes, casting, networking, and booking work. Emphasizing professional readiness, students create a professional portfolio-resume, headshots, audition book, and website. Course previously offered as TH 4853.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3863 Auditioning in Musical Theatre
Prerequisites: TH 2343 or instructor approval.
Description: The goal of this course is to teach students the skills and aspects of professional musical theatre auditions. Students in this course will learn the elements of auditioning in musical theatre and how to build a complete audition book. They will be given guidance and feedback about cover letters, resumes and headshots and basic information about the professional world. Finally, students will test out their skills with multiple mock audition opportunities.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 3873 History of Musical Theatre (H)
Description: Musical Theatre History is a survey course of the American musical theatre tradition, exploring representative shows, creators, and performers that trace the evolution of this unique American art form from its origins to contemporary Broadway and pop culture.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Human Heritage & Cultures

TH 3903 History of Dress, Architecture, and Decor for the Stage
Description: An exploration of the evolution of dress, architecture, and artistic décor movements from antiquity to the modern era that examines how cultural, political, and technological shifts influence aesthetic expression. Students build and establish a visual knowledge base and vocabulary to communicate and collaborate in developing a refined understanding of production environments in performance and entertainment disciplines. Same course as TH 4123.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 3923 World Theatre History Before 1800 (H)
Description: Aesthetic and social relationships of the dramatic arts and world cultures from Ancient Greece to the 19th century. Course previously offered as TH 3023.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Human Heritage & Cultures

TH 3933 World Theatre History After 1800 (H)
Description: Aesthetic and social relationships of the dramatic arts and world cultures from the 19th century to the present. Course previously offered as TH 3123. May be taken prior to TH 3923.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Human Heritage & Cultures

TH 3953 Theatrical Costume Design
Prerequisites: TH 2553 and TH 2563 or consent of instructor.
Description: Approaches to costume design for performance and entertainment disciplines through research, conceptual analysis, figure drawing, and execution of sketches and renderings. Previously offered as TH 4973.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 4303 Ensemble Theatre
Description: Ensemble Theatre is an alternative approach to creating that emphasizes collaborative ensemble-based writing, community research and outreach, and social and political awareness. Utilizing improvisational techniques, community-oriented research skills and non-textual performance practices, students will explore and create theatre based on their communities, interests and concerns.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 4320 BFA Voice Lessons III
Prerequisites: TH 3320.
Description: This course is a continuation of private vocal instruction for students nearing completion of the Musical Theatre BFA degree. Building on the skills learned in BFA Voice Lessons II, students will explore advanced techniques of color and style within the musical theatre genre, continuing to develop their vocal instrument and performance skills. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.
Credit hours: 1-2
Contact hours: Lecture: 1-2 Contact: 1-2
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 4353 Acting IV - Advanced Scene Study
Prerequisites: TH 2323 or Instructor's permission.
Description: An advanced scene study acting laboratory to sharpen the actor's process for professional preparation. This course explores acting pedagogy and techniques which synthesize all previous acting levels, providing a timely capstone experience as the student actor prepares to enter the profession.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 4382 Staged Combat and Physical Acting
Prerequisites: TH 2633 or Instructor's permission.
Description: Advanced application of the actor's movement skills to the unique requirements of theatrical forms that Incorporate stage violence or physical comedy. Applied skills include hand-to-hand combat armed combat, and may include tumbling, gymnastics, clowning, mask work, or ethnic arts. Previously offered as TH 4383.
Credit hours: 2
Contact hours: Lab: 4 Contact: 4
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 4403 Senior Honors Project
Prerequisites: Departmental invitation, senior standing, Honors Program participation.
Description: A guided reading and research program ending with an honors thesis or performance under the direction of a faculty member, with second faculty committee member. Required for graduation with departmental honors in theatre.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre
General Education and other Course Attributes: Honors Credit

TH 4423 Professional Preparation for Performance
Prerequisites: Must have completed 72 credit hours or Instructor's permission.
Description: This course will prepare students to make the transition from academic theatre to professional theatre. Students will research what is currently happening in the industry, and develop the skills needed to be a working professional Other topics will include the business aspects of a career in theatre, a plan for personal financial health, the business of creating and producing theatre work, creating a relocation plan to a potential arts market and the graduate school process.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 4500 BFA Design and Technology Capstone
Prerequisites: Consent of Instructor.
Description: The BFA Design & Technology Capstone course serves as the culmination of study of theatrical design, technology, and management for performance and entertainment disciplines. With an emphasis on collaboration, students will demonstrate the essential skills, craft, artistic awareness, and professional mindset they have developed during their studies while focusing on the creative and technical processes that bring a theatrical production to life.
Credit hours: 1
Contact hours: Lab: 2 Contact: 2
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 4630 Topics in Design and Technology
Prerequisites: TH 1663, 1673 and 2553 or consent of instructor.
Description: Specialized topics in scenic, costume, sound, or lighting design or technology. Course previously offered as TH 3630. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 4653 Advanced Stage Technology
Prerequisites: TH 1663.
Description: Advanced study in technical concepts for productions in the performance and entertainment disciplines. Lectures provide principles, concepts, and theory; laboratory hours offer advanced hands-on skills needed in the technical production environment including unique scenographic elements and advanced fabrication techniques.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 4673 Advanced Costume Technology
Prerequisites: TH 1673.
Description: Advanced study in technical concepts for costuming in the performance and entertainment disciplines. This course explores principles, concepts, and theory with hands-on skills needed in a costume production environment including historical costume elements and advanced fabrication techniques.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 4753 Advanced Stage Management
Prerequisites: TH 1500 and TH 2753 or consent of instructor.
Description: Advanced procedures and leadership skills of effective stage management for performance and entertainment disciplines. Principles of efficient management of rehearsals and performances, collaboration with artistic team members to execute and maintain creative vision, and exploration of stage management roles in various entertainment fields. May not be used for degree credit with TH 5753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 4953 Directing
Prerequisites: TH 1323 and TH 2563 and TH 4753 or consent of instructor.
Description: Script analysis for production, problems in staging, and the role of the director. Planning and direction of scenes in laboratory situations. May not be used for degree credit with TH 5953.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 4983 Theatrical Scenic Painting
Prerequisites: TH 1663 or consent of instructor.
Description: Explores the various tools, materials, techniques, and processes used in scenic painting for performance and entertainment disciplines. Through research and practical experience, students will acquire the skills necessary to implement theatrical painting techniques per designer specification.
Credit hours: 3
Contact hours: Lab: 6 Contact: 6
Levels: Undergraduate
Schedule types: Lab
Department/School: Theatre

TH 4990 BFA Capstone
Prerequisites: TH 2320 (4) and TH 3320 (3).
Description: In this course, students demonstrate mastery of singing and acting through memorized songs in the form of a recital, cabaret, or other creative project. Offered for fixed credit, 1 credit hour, maximum of 2 credit hours.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Undergraduate
Schedule types: Lecture
Department/School: Theatre

TH 5000 Master's Thesis and Research
Prerequisites: Consent of department head.
Description: Master's level research in theatre for thesis option graduate students. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.
Credit hours: 1-6
Contact hours: Contact: 1-6 Other: 1-6
Levels: Graduate
Schedule types: Independent Study
Department/School: Theatre

TH 5100 Master's Creative Component and Research
Description: Master's level research in theatre for creative component option graduate students. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-3 Contact: 1-3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

TH 5113 Theatre History and Theory I
Description: Global study of theatre and performance across cultures and multiple theories used to interpret and construct world theatre history, from ancient times to the nineteenth century.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

TH 5240 Topics in Advanced Acting
Description: Specialized topics in advanced acting. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.
Credit hours: 1-3
Contact hours: Lecture: 1-2 Lab: 0-2 Contact: 1-4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 5313 Dramaturgy
Description: Advanced investigation of the nature and process of dramaturgy. Emphasis on dramaturgical research and writing. No credit for students with credit in TH 3213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

TH 5383 Action Acting
Description: This course introduces the student to stage violence. Emphasis is placed on safe and dramatically effective performance of violent scenes, to include slapstick and physical comedy. Stage/screen fencing, unarmed combat, basic tumbling, physical comedy, and theatrical firearms are covered within the context of scene work. May not be used for degree credit with TH 4383.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 5400 Seminar in Theatre
Description: Individual or group studies of techniques, history or literature of the theatre. A term paper or written report and self-evaluation of the study or project required. Cannot receive credit for both TH 3400 and TH 5400. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Theatre

TH 5500 Individual Theatre Projects
Prerequisites: Consent of instructor.
Description: Individual projects in directing, acting, or design and technology for a specified theatre production, with concept, realization, and self-evaluation under faculty guidance. Course previously offered as TH 5090. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.
Credit hours: 1-9
Contact hours: Contact: 1-9 Other: 1-9
Levels: Graduate
Schedule types: Independent Study
Department/School: Theatre

TH 5513 Theatre History and Theory II
Description: Global study of theatre and performance across cultures and multiple theories used to interpret and construct world theatre history, from the nineteenth century to the present.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

TH 5600 Seminar in Dramatic Literature
Prerequisites: Consent of instructor.
Description: Selected topics in dramatic literature. Texts and themes will vary by semester. Offered for fixed credit, 3 credit hours.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

TH 5673 Advanced Costume Construction
Description: Advanced construction of techniques for theatrical costumes. Includes period garments, pattern drafting, fabric manipulation, and boning. May not be used for degree credit with TH 4673.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Theatre

TH 5753 Stage Management
Description: Procedures and skills of effective stage management. Authoritative coordination of performers and technicians during rehearsal and performance periods. Maintenance and use of the production prompt book, notation of ground plan and blocking; scene shifts; cues for lighting, sound, special effects, and performers; opening and calling the show; post-show wrap-up. May not be used for degree credit with TH 4753.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

TH 5953 Problems in Advanced Directing
Description: Problems in directing styles, especially Shakespeare, comedy, and absurdist drama. Preparation, rehearsal and staging of a complete production by each student. May not be used for degree credit with TH 4953.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Theatre

Undergraduate Programs

- Acting, BFA (p. 1997)
- Musical Theatre, BFA (p. 2002)
- Theatre, BA (p. 2006)

Graduate Programs

The department offers coursework leading to the Master of Arts degree in Theatre. The Master of Arts degree in Theatre is an initial graduate degree designed to build on students' individual theatre skills and to deepen a student's theoretical and practical understanding of the art form. Accepting only a limited number of students each year, the program affords a great deal of individual contact with faculty members and considerable latitude in developing the plan of study.

Graduate candidates take a central core of graduate level courses in theatre history, theory, and directing, augmented by other courses available in the department and the university to develop and support their areas of special interest. Typically students accepted into this degree program pursue careers in professional theatre, become teachers in secondary schools or two-year colleges, or they prepare for the pursuit of advanced degree work in a Master of Fine Arts or Doctoral program.

The Master of Arts degree may be achieved in accordance with any of the three plans described in the section "Master's Degree Programs" in the "Graduate College (p. 3005)" section of the *Catalog*.

A limited number of graduate teaching assistantships (GTA's) are available to highly qualified students. Information and application information may be obtained from the department head.

Undergraduate credentials should be referred to the department graduate program coordinator for evaluation to assist advisement and to determine any possible deficiencies that will affect the admission status.

Minors

- Arts Administration (AADM), Minor (p. 2000)
- Dance (DANC), Minor (p. 2001)
- Theatre (TH), Minor (p. 2005)

Faculty

Lee Brasuell, MFA—Professor and Head
Associate Professor: Joan Korte, MFA
Assistant Professors: Jason Estala, MFA; Marley Giggey, MFA; Eric Frei, MM; David Weber, MFA; Fabian J Garcia, MFA; Sandra Lopez, MFA; Leslie Currell, MFA, Brian Butler, MFA
Visiting Assistant Professors: Jessica Oliver, MFA; Lyndsee Bell, MFA; David Baxter, MFA
Adjunct Instructor: Bryson Baker, MA

Acting, BFA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
3 hours MATH or STAT designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
ENGL 4723	Studies in Shakespeare (H)	3
TH 3923	World Theatre History Before 1800 (H)	3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
TH 3933	World Theatre History After 1800 (H)	3
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
TH 1323	Acting I - Fundamentals of Acting	3
TH 1663	Stage Technology	3
TH 2563	Script Analysis	3
Foreign Language		
0-6 hours. See note 3.		
Non-Western Studies		
At least one course. See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**10**
Major Requirements		
Minimum GPA 3.00 in major block, with no grade below "C."		
TH 1333	Voice for the Actor	3
TH 1500	Run Crew Practicum (minimum 1 hour)	1
TH 1673	Costume Technology	3
TH 2213	Dialects and Accents for Stage and Screen	3
TH 2323	Acting II - Character Development	3
TH 2633	Movement for the Actor	3
TH 2971	Stage Makeup	1
2 hours DANC from:		2
DANC 2002	Ballet I	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap I	
DANC 2402	Hip Hop Dance and Cultures	
DANC 2602	Dance Composition	
DANC 3002	Ballet II	
DANC 3102	Contemporary Modern Dance II	
DANC 3302	Tap II	
DANC 3502	Musical Theatre Dance	
TH 3373	Acting III - Shakespeare	3
TH 3433	Acting for the Camera	3
Six hours from:		6
TH 3530	Topics in Performance	
TH 3822	Advanced Stage Movement	2
TH 3823	Advanced Voice for the Stage	3
TH 3853	Auditioning	3
TH 4303	Ensemble Theatre	3
TH 4353	Acting IV - Advanced Scene Study	3
TH 4382	Staged Combat and Physical Acting	2
TH 4423	Professional Preparation for Performance	3
TH 4753	Advanced Stage Management	3
TH 4953	Directing	3
Electives		
Select 8 hours from the following:		8
TH 1403	Musicianship for the Singing Actor I	
TH 3843	Musical Theatre Scene Study	
Any 2 hours of practical DANC		
TH 3400	Upper-Division Projects	
TH 3500	Theatre Practicum II (No more than 2 credit hours)	
TH 3530	Topics in Performance	
TH 3633	Diverse American Drama (DH)	
Hours Subtotal		**64**

Electives	
Select 6 hours.	6
May need to include 6 hours upper-division general education outside major department. See note 2.c.	
May need to include 6 hours of a foreign language. See note 3.b.	
Hours Subtotal	**6**
Total Hours	**120**

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Program Entrance Requirements

- All Acting majors must successfully complete an entrance audition to enter the program. An annual performance jury will determine continued participation in the Bachelor of Fine Arts program.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
TH 1323	Acting I - Fundamentals of Acting	3
TH 1663 or TH 1673	Stage Technology or Costume Technology	3
TH 2563	Script Analysis	3
TH 1500	Run Crew Practicum	1
General Education courses		3
	Hours	**14**
Spring		
TH 1333	Voice for the Actor	3
TH 2633	Movement for the Actor	3
TH 1673 or TH 1663	Costume Technology or Stage Technology	3
General Education courses		6
	Hours	**15**
Sophomore		
Fall		
TH 2323	Acting II - Character Development	3
TH 2971	Stage Makeup	1
Theatre Elective		3
General Education or College courses		9
	Hours	**16**
Spring		
TH 4953 or TH 2213	Directing or Dialects and Accents for Stage and Screen	3
TH 3633	Contemporary Voices of American Drama (DH)	3
TH Elective		3
General Education or College courses		6
	Hours	**15**
Junior		
Fall		
TH 3373	Acting III - Shakespeare	3
TH 4382	Staged Combat and Physical Acting	2
TH 3923	World Theatre History Before 1800 (H)	3
TH 4753	Advanced Stage Management	3
ENGL 4723	Studies in Shakespeare (H)	3
DANC Course option		2
	Hours	**16**
Spring		
TH 2213	Dialects and Accents for Stage and Screen	3
TH 3933	World Theatre History After 1800 (H)	3
TH 3853	Auditioning	3
TH 3530	Topics in Performance	3
General Education course		3
	Hours	**15**
Senior		
Fall		
TH 4353	Acting IV - Advanced Scene Study	3
TH 4423	Professional Preparation for Performance	3
TH 3822	Advanced Stage Movement	2
Theatre Elective		2
General Education or Elective courses		4
	Hours	**14**
Spring		
TH 3433	Acting for the Camera	3
TH 3823	Advanced Voice for the Stage	3
TH 4303	Ensemble Theatre	3
TH 3530	Topics in Performance	3
General Education or Elective course		3
	Hours	**15**
	Total Hours	**120**

Arts Administration (AADM), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clarissa Bonner 209 MOR, 405-744-6146

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 17

Code	Title	Hours
Minor Requirements		
AADM 1203	Introduction to Arts Administration	3
AADM 2103	Fundraising for the Arts	3
AADM 2500	Practicum in Arts Administration	2
AADM 3203	Approaches in Arts Administration	3
Select six hours from:		6
AADM 4203	Senior Project in Arts Administration	
ART 3583	Introduction to Museum and Curatorial Studies (H)	
DANC 1003	Introduction to Dance Studies (H)	
MGMT 3013	Fundamentals of Management (S)	
MUSI 1623	Introduction to Music Business	
TH 2413	Introduction to Staged Entertainment (H)	
Total Hours		**17**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Dance (DANC), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clarissa Bonner - 209 Morrill Hall, (405) 744-6146

Total Hours: 16

Code	Title	Hours
Minor Requirements		
DANC 1003	Introduction to Dance Studies (H)	3
DANC 2002	Ballet I	2
DANC 2102	Contemporary Modern Dance I	2
DANC 2202	Jazz Dance	2
DANC 2602	Dance Composition	2
Select 5 hours of the following:		5
DANC 1200	Dance Ensemble Practicum	
DANC 2302	Tap I	
DANC 3002	Ballet II	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
DANC 3603	Choreography	
Total Hours		**16**

Other Requirements

- No grade below "C."

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Musical Theatre, BFA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
or ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
3 hours MATH or STAT designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
TH 3923	World Theatre History Before 1800 (H)	3
or TH 3933	World Theatre History After 1800 (H)	
ENGL 4723	Studies in Shakespeare (H)	3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 1 hour) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 1 hour of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		1
TH 3873	History of Musical Theatre (H)	3
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
Arts & Humanities		
See note 2.a.		
TH 1323	Acting I - Fundamentals of Acting	3
TH 1663	Stage Technology	3
or TH 1673	Costume Technology	
TH 2563	Script Analysis	3
Foreign Language		
0-6 hours. See note 3.		
Non-Western Studies		
At least one course. See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department. See note 2.c.		
Hours Subtotal		**10**
Major Requirements		
Minimum GPA 3.00 with no grade below "C."		
TH 1403	Musicianship for the Singing Actor I	3
TH 1413	Musicianship for the Singing Actor II	3
TH 1500	Run Crew Practicum	1
Four (4) hours from:		4
TH 2320	Performance Lessons I	
TH 2323	Acting II - Character Development	3
TH 2633	Movement for the Actor	3
TH 2971	Stage Makeup	1
TH 3203	Musical Theatre Vocal Styles I	3
TH 3233	Musical Theatre Vocal Styles II	3
Three (3) hours from:		3
TH 3320	Performance Lessons II	
TH 3343	Acting for Musical Theatre	3
TH 3373	Acting III - Shakespeare	3
TH 3843	Musical Theatre Scene Study	3
DANC 2002	Ballet I	2
DANC 2202	Jazz Dance	2
DANC 2302	Tap I	2
DANC 3002	Ballet II	2
DANC 3502	Musical Theatre Dance	2
Two hours from:		2
DANC 2102	Contemporary Modern Dance I	
DANC 2402	Hip Hop Dance and Cultures	
DANC 3302	Tap II	
TH 3853	Auditioning	3
TH 4423	Professional Preparation for Performance	3
TH 4953	Directing	3
TH 4990	BFA Capstone	1
Theatre Electives		*6*
TH 1333	Voice for the Actor	
TH 2213	Dialects and Accents for Stage and Screen	
TH 3400	Upper-Division Projects	
TH 3433	Acting for the Camera	
TH 3500	Theatre Practicum II	
TH 3530	Topics in Performance	
TH 3633	Diverse American Drama (DH)	
TH 4353	Acting IV - Advanced Scene Study	
Hours Subtotal		**64**
Electives		

Select 6 hours.	6
May need to include 6 hours upper-division general education outside major department. See note 2.c.	
May need to include 6 hours of a foreign language. See note 3.b.	
Hours Subtotal	**6**
Total Hours	**120**

All Musical Theatre majors must successfully complete an entrance audition to enter the program. An annual performance jury will determine continued participation in the Bachelor of Fine Arts program.

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.
2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
TH 2320	Performance Lessons I	1

TH 1323	Acting I - Fundamentals of Acting	3
TH 2563	Script Analysis	3
TH 1500	Run Crew Practicum	1
DANC 2002	Ballet I	2
General Education courses		3
	Hours	**14**
Spring		
TH 2320	Performance Lessons I	1
TH 2633	Movement for the Actor	3
TH 2971	Stage Makeup	1
DANC 2202	Jazz Dance	2
General Education courses		9
	Hours	**16**
Sophomore		
Fall		
TH 2323	Acting II - Character Development	3
TH 2320	Performance Lessons I	1
TH 3343	Acting for Musical Theatre (or TH 2243)	3
TH 1403	Musicianship for the Singing Actor I	3
DANC elective		2
General Education or College courses		3
	Hours	**15**
Spring		
TH 2320	Performance Lessons I	1
TH 1413	Musicianship for the Singing Actor II	3
TH 1663 or TH 1673	Stage Technology or Costume Technology	3
DANC 2302	Tap I	2
General Education or College courses		6
	Hours	**15**
Junior		
Fall		
TH 3320	Performance Lessons II	1
TH 3203	Musical Theatre Vocal Styles I	3
TH 3873	History of Musical Theatre (H)	3
DANC 3502	Musical Theatre Dance	2
General Education or Elective courses		7
	Hours	**16**
Spring		
TH 3320	Performance Lessons II	1
TH 3233	Musical Theatre Vocal Styles II	3
TH 3843	Musical Theatre Scene Study	3
TH 3853	Auditioning	3
TH 3933	World Theatre History After 1800 (H)	3
General Education course		3
	Hours	**16**
Senior		
Fall		
TH 3320	Performance Lessons II	1
TH 3373	Acting III - Shakespeare	3
TH 4423	Professional Preparation for Performance	3
ENGL 4723	Studies in Shakespeare (H)	3
TH Elective		3
General Education or Elective course		3
	Hours	**16**
Spring		
TH 4990	BFA Capstone	1
TH 4953	Directing	3
TH 3633	Contemporary Voices of American Drama (DH)	3
DANC 3002	Ballet II	2
TH Elective		3
	Hours	**12**
	Total Hours	**120**

Theatre (TH), Minor

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Clarissa Bonner 405-744-6146

Minimum Grade Point Average in Minor Coursework: 2.50 with no grade below "C."
Total Hours: 17

Code	Title	Hours
Minor Requirements		
TH 2413	Introduction to Staged Entertainment (H)	3
Select 3 hours of the following:		3
TH 2563	Script Analysis	
TH 3633	Diverse American Drama (DH)	
TH 3923	World Theatre History Before 1800 (H)	
TH 3933	World Theatre History After 1800 (H)	
Select a minimum of two 1-hour practica		2
Select nine additional hours approved by the department head		9
Total Hours		**17**

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).

Theatre, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (p. 1040).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (p. 1041)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
HIST 1103	Survey of American History	3
or HIST 1483	American History to 1865 (H)	
or HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
MATH or STAT course designated (Q)		3
Understanding Humanities-Human Heritage & Cultures (H)		
TH 3923	World Theatre History Before 1800 (H) [1]	3
TH 3933	World Theatre History After 1800 (H) [1]	3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Courses designated (N)		6
Exploring Society & Human Behavior (S)		
Course designated (S)		3
Diversity (D)		
Courses designated (D)		3
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first-year seminar course)	1
Arts & Humanities		
ENGL 3933	Shakespeare (H)	3
or ENGL 4723	Studies in Shakespeare (H)	
3 additional hours from:		3
ENGL 3263	Film & TV Criticism	
ENGL 3363	Readings in Drama (H)	
ENGL 3433	Introduction to Television Studies (H)	
ENGL 3453	History of American Film (H)	
ENGL 3463	History of International Film (GH)	
ENGL 3473	Race, Gender, and Ethnicity in American Film (D)	
ENGL 3503	Television and American Society (DH)	
ENGL 4263	Moving Image Aesthetics (H)	
ENGL 4350	Contemporary International Cinema	
ENGL 4450	Culture and the Moving Image	
Select 3 additional upper-division hours (not TH or DANC)		3
See note 2.a.		
Natural & Mathematical Sciences		
See note 2.b.		3
Foreign Language		
See note 3.		9
Non-Western Studies		
At least one course		
See note 2.d.		
Upper-Division General Education		
Select 6 hours outside major department		
See note 2.c.		
Hours Subtotal		**22**
Major Requirements		
Minimum GPA 2.50. Minimum grade of "C" in all TH/DANC courses		
Core Requirements		
TH 1323	Acting I - Fundamentals of Acting	3
TH 1663	Stage Technology	3
TH 1673	Costume Technology	3
TH 2563	Script Analysis	3
TH 2753	Stage Management	3
TH 3633	Diverse American Drama (DH)	3
TH 4953	Directing	3
Select 6 hours of the following:		6
TH 1500	Run Crew Practicum (at least 2 hours)	
TH 2500	Production Crew Practicum	
TH 3500	Theatre Practicum II	
Emphasis		
Complete one Emphasis (p. 2007)		18
Hours Subtotal		**45**
Electives		
Select 13 hours		13
May need to include 6 hours upper-division general education outside major department (see note 2.c.), and 10 additional upper-division hours		
Hours Subtotal		**13**
Total Hours		**120**

[1] College and Departmental Requirements that may be used to meet General Education Requirements.

Emphasis

Performance Emphasis

Code	Title	Hours
TH 1333	Voice for the Actor	3
TH 2323	Acting II - Character Development	3
TH 2971	Stage Makeup	1
TH 3373	Acting III - Shakespeare	3
TH 3853	Auditioning	3
Select 1 of the following:		2
DANC 2002	Ballet I	
DANC 3002	Ballet II	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap I	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
Select 3 hours of Theatre Electives (3 hours must be upper-division) (p. 2007)		3

Design/Technology Emphasis

Code	Title	Hours
TH 2553	Fundamentals of Theatrical Design	3
TH 2833	Transition to Professions in Design and Technology	3
Select two of the following:		6
TH 2593	Lighting Technology (New course, Lighting Technology)	
TH 3183	Theatrical Scenic Design	
TH 3323	Theatrical Sound Design and Technology	
TH 3593	Theatrical Lighting Design	
TH 3953	Theatrical Costume Design	
TH 4630	Topics in Design and Technology	
TH 4653	Advanced Stage Technology	
TH 4673	Advanced Costume Technology	
TH 4753	Advanced Stage Management	
TH 4983	Theatrical Scenic Painting	
Select 6 hours of Theatre Electives (6 hours must be upper-division) (p. 2007)		6

General Emphasis

Code	Title	Hours
TH 1333	Voice for the Actor	3
TH 2553	Fundamentals of Theatrical Design	3
TH 2833	Transition to Professions in Design and Technology	3
or TH 3853	Auditioning	
Select 9 hours of Theatre Electives (7 hours must be upper-division) (p. 2007)		9

Theatre Electives

Code	Title	Hours
Performance		
TH 1333	Voice for the Actor	3
TH 2213	Dialects and Accents for Stage and Screen	3
TH 2323	Acting II - Character Development	3
TH 2633	Movement for the Actor	3
TH 3343	Acting for Musical Theatre	3
TH 3373	Acting III - Shakespeare	3
TH 3433	Acting for the Camera	3
TH 3530	Topics in Performance	1-3
TH 3843	Musical Theatre Scene Study	3
TH 3853	Auditioning	3
TH 4303	Ensemble Theatre	3
TH 4423	Professional Preparation for Performance	3
TH 4990	BFA Capstone (requires consent of instructor)	1
Select one of the following:		2
DANC 2002	Ballet I	
DANC 3002	Ballet II	
DANC 2102	Contemporary Modern Dance I	
DANC 2202	Jazz Dance	
DANC 2302	Tap I	
DANC 3102	Contemporary Modern Dance II	
DANC 3502	Musical Theatre Dance	
Design/Technology		
TH 2553	Fundamentals of Theatrical Design	3
TH 2833	Transition to Professions in Design and Technology	3
TH 2971	Stage Makeup	1
TH 3183	Theatrical Scenic Design	3
TH 3323	Theatrical Sound Design and Technology	3
TH 3400	Upper-Division Projects	1-3
TH 3593	Theatrical Lighting Design	3
TH 3953	Theatrical Costume Design	3
TH 4403	Senior Honors Project (requires consent of instructor)	3
TH 4630	Topics in Design and Technology	1-3
TH 4653	Advanced Stage Technology	3
TH 4673	Advanced Costume Technology	3
TH 4983	Theatrical Scenic Painting	3

Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

College of Arts and Sciences Requirements

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and

Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**
   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (Q), PHIL 3003 Symbolic Logic (Q) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.
   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (Q) or (N) general education designation.
   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (https://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.
3. **Foreign Language Proficiency**
   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.
   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.
   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
4. **Exclusions**. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic adviser prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
UNIV 1111	First Year Seminar	1
TH 1323	Acting I - Fundamentals of Acting	3
TH 1663 or TH 1673	Stage Technology or Costume Technology	3
TH 2563	Script Analysis	3
TH 1500	Run Crew Practicum	1
General Education courses		3
	Hours	**14**
Spring		
TH 1673 or TH 1663	Costume Technology or Stage Technology	3
TH 1333	Voice for the Actor	3
TH Elective Based on emphasis. TH 2633 encouraged for Performance.		3
General Education courses		7
	Hours	**16**
Sophomore		
Fall		
TH 1500 Run Crew Practicum		1
1713 First Semester Foreign Language		3
TH Course based on emphasis TH 2323 required for Performance		3
General Education and Major courses		8
	Hours	**15**
Spring		
TH 2833 or TH 3853	Transition to Professions in Design and Technology or Auditioning	3
TH 3633	Contemporary Voices of American Drama (DH)	3

TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
1813 Second Semester Foreign Language		3
General Education courses		5
	Hours	**15**
Junior		
Fall		
TH 3923	World Theatre History Before 1800 (H)	3
ENGL 3933	Shakespeare (H)	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
2000-level Foreign Language		3
General Education and Major courses		5
	Hours	**15**
Spring		
TH 3933	World Theatre History After 1800 (H)	3
TH 4753	Advanced Stage Management	3
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
College and Elective courses		8
	Hours	**15**
Senior		
Fall		
Major and Elective courses		15
	Hours	**15**
Spring		
TH 1500 or TH 2500 or TH 3500	Run Crew Practicum or Production Crew Practicum or Theatre Practicum II	1
Major, College, and Elective courses		14
	Hours	**15**
	Total Hours	**120**

Graduate Certificates

- 3D Fashion Design/Digital Product Creation, GCRT (p. 3126)
- Accounting, GCRT (p. 3127)
- Advanced Sports Medicine Concepts, GCRT (p. 3128)
- Ag Sciences & Natural Resources Land-Grant University Faculty Preparation, GCRT (p. 3129)
- Aging Studies, GCRT (p. 3130)
- Aviation/Aerospace Administration, GCRT (p. 3131)
- Bioinformatics, GCRT (p. 3132)
- Brand Communication, GCRT (p. 3133)
- Building Level Leadership, GCRT (p. 3134)
- Business Analytics and Data Science, GCRT (p. 3135)
- Business Sustainability and Nonprofit Management, GCRT (p. 3136)
- Business, GCRT (p. 3137)
- Collaborative Piano, GCRT (p. 3138)
- College Teaching, GCRT (p. 3139)
- Comparative and International Education, GCRT (p. 3140)
- Construction Project Administration, GCRT (p. 3141)
- Dietetics, GCRT (p. 3142)
- Digital Design in Design & Merchandising, GCRT (p. 3143)
- Digital Forensics & Incident Response, GCRT (p. 3144)
- District Level Leadership, GCRT (p. 3145)
- Dyslexia, GCRT (p. 3146)
- Educational and Psychological Measurement, GCRT (p. 3147)
- Effective Teaching in Elementary Schools, GCRT (p. 3148)
- Effective Teaching in Secondary Schools, GCRT (p. 3149)
- Elementary Mathematics Specialist, GCRT (p. 3150)
- Engineering and Technology Management, GCRT (p. 3151)
- Entrepreneurship, GCRT (p. 3152)
- Environmental Science with Regulatory Certifications, GCRT (p. 3153)
- Facilitating Career Development, GCRT (p. 3154)
- Family Financial Planning, GCRT (p. 3155)
- Finance and Investment Banking, GCRT (p. 3156)
- Food Safety Management, GCRT (p. 3157)
- Food Safety Science, GCRT (p. 3158)
- Forensic Arson, Explosives, Firearms, and Toolmarks Investigation, GCRT (p. 3159)
- Forensic Crime Analysis, GCRT (p. 3161)
- Forensic Criminal Intelligence, GCRT (p. 3162)
- Forensic Genealogy, GCRT (p. 3163)
- Forensic Investigation of Impaired Driving, GCRT (p. 3164)
- Forensic Investigative Sciences, GCRT (p. 3165)
- Forensic Psychology, GCRT (p. 3167)
- Forensic Threat Assessment and Management, GCRT (p. 3168)
- Forensic Weapons of Mass Destruction Investigation, GCRT (p. 3169)
- Geographic Information Systems, GCRT (p. 3170)
- Global Issues, GCRT (p. 3171)
- Grassland Management, GCRT (p. 3172)
- Health Analytics, GCRT (p. 3173)
- Health Care Administration, GCRT (p. 3174)
- Health Care Administration: Compliance, GCRT (p. 3175)
- Health Care Administration: Finance, GCRT (p. 3176)
- Health Care Administration: Global Health, GCRT (p. 3177)
- Hidden Student Populations, GCRT (p. 3178)
- Higher Education Administration, GCRT (p. 3179)
- Hospitality and Tourism Analytics, GCRT (p. 3180)
- Human Resource Management, GCRT (p. 3181)
- Information Assurance, GCRT (p. 3182)
- Integrative Design of Building Envelope, GCRT (p. 3183)
- Interdisciplinary Toxicology, GCRT (p. 3184)
- International Disaster and Emergency Management, GCRT (p. 3185)
- K-12 STEM Educator, GCRT (p. 3186)
- Learning and Motivation, GCRT (p. 3187)
- Mathematics, GCRT (p. 3188)
- Medical Education, GCRT (p. 3189)
- Medical Sciences, GCRT (p. 3190)
- Museum and Curatorial Studies, GCRT (p. 3191)
- Neuroscience, GCRT (p. 3192)
- Non-Profit Management, GCRT (p. 3193)
- Nursing Leadership, GCRT (p. 3194)
- Online Teaching, GCRT (p. 3195)
- Program Evaluation, GCRT (p. 3196)
- Public Health, GCRT (p. 3197)
- Quantum Information Science, GCRT (p. 3198)
- Recreation and Leisure Management, GCRT (p. 3199)
- School Library Certification, GCRT (p. 3200)
- Special Education, GCRT (p. 3201)
- Sport Communication, GCRT (p. 3202)
- Statistical Methods and Analyses in Educational and Behavioral Sciences, GCRT (p. 3203)
- Statistics, GCRT (p. 3204)
- Student Affairs, GCRT (p. 3205)
- Substance Abuse Counseling, GCRT (p. 3206)
- Supply Chain and Logistics, GCRT (p. 3207)
- Teacher Development, Conflict Transformation, and Compassionate Education, GCRT (p. 3208)
- Teaching English to Speakers of Other Languages, GCRT (p. 3209)
- Tribal Health Care Administration, GCRT (p. 3210)
- Workforce and Adult Education, GCRT (p. 3211)

3D Fashion Design/Digital Product Creation, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses (12hrs)		
DM 5053	3D Digital Product Creation	3
DM 5143	Digital Product Creation II	3
DM 5153	Advanced Digital Product Creation	3
DM 5183	Capstone: Digital Product Creation in Technical Design	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Select 12 hours from the following:		12
ACCT 5003	Advanced Federal Income Taxation	
ACCT 5013	Tax Research	
ACCT 5043	Taxation of Pass-Through Entities	
ACCT 5113	Financial Accounting Research	
ACCT 5133	Oil and Gas Accounting	
ACCT 5153	Financial Statement Analysis	
ACCT 5204	Financial Reporting I	
ACCT 5213	Financial Reporting II	
ACCT 5143	Advanced Topics in Financial Reporting	
ACCT 5333	Cost Accounting	
ACCT 5343	Accounting Information Systems and Data Analytics Tools	
ACCT 5353	Federal Income Taxation	
ACCT 5363	External Auditing	
ACCT 5453	Ethics for Public Accountants	
ACCT 5503	Advanced Auditing	
Other graduate courses as approved by program coordinator.		
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Advanced Sports Medicine Concepts, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
MAT 5712	Clinical Diagnosis and Therapeutic Interventions for the Lower Extremity	2
MAT 5722	Clinical Diagnosis and Therapeutic Interventions for the Upper Extremity	2
MAT 5732	Clinical Diagnosis and Therapeutic Interventions for the Head and Spine	2
MAT 5742	Clinical Diagnosis and Therapeutic Interventions for Non-Orthopedic Injuries	2
MAT 5752	Emergency Care in Sports Medicine	2
MAT 5762	Mental Health in Sports Medicine	2
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Ag Sciences & Natural Resources Land-Grant University Faculty Preparation, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
AECL 5201	Faculty Preparation in Agricultural Sciences and Natural Resources Seminar Series (one credit hour per semester for three semesters)	3
Elective Courses		
Select one course from each of the three following areas:		9
Teaching (select one of the following):		
AGED 5813	College Teaching of Agriculture and Natural Resources	
AGED 5823	Advanced Methods of Teaching Agriculture	
AECL 6363	Experiential Learning Theory in Agricultural Settings	
EPSY 5983	Instructional Effectiveness in Higher Education	
HESA 6713	Effective Teaching in College and Universities	
CIED 5823	Mindfulness, Curriculum, and Teaching	
Research (select one of the following):		
AGCM 5143	Writing for Scholarly Publications in Agricultural Sciences and Natural Resources	
GRAD 5193	Preparing Publishable Manuscripts	
AGED 5203	Grant Seeking	
HORT 5553	Scientific Writing in Horticulture	
Extension/Outreach (section one of the following):		
AECL 6223	Program Evaluation in Agriculture and Extension	
AGED 5623	Volunteer Management in Agricultural and Extension Education	
AECL 5863	Methods of Technological Change	
AGLE 6203	Extension Program Development	
AGED 5123	Adult Programs in Agricultural and Extension Education	
AGIN 5723	Participatory Systems Modeling	
NREM 5313	Human Dimensions of Natural Resources	
MC 5953	Strategic Health Communications Campaigns	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Aging Studies, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Core Courses		
HDFS 5413	Aging in Human Development	3
HDFS 5403	Foundations in Integrative Aging Studies	3
Hours Subtotal		**6**
Elective Courses		
Select 9 hours from the following:		9
EDHS 5543	Interdisciplinary Perspectives in Environments in Aging	
HDFS 5493	Aging and Diverse Families	
NSCI 5323	Physical Health, Nutrition, Wellness and Active Aging	
HDFS 5203	Family Systems	
EDHS 5533	Aging Policy and Advocacy	
EDHS 5633	Applied Research Methods and Evaluation of Aging Programs	
REMS 5953	Statistical Methods in Education	
EDHS 5240	Master's Creative Component	
HDFS 5110	Directed Study in HDFS	
HDFS 5400	Professional Seminar in Gerontology	
Hours Subtotal		**9**
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Aviation/Aerospace Administration, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
AVED 5593	Influencing Public Policy in the Aerospace Industry	3
AVED 5663	Issues in the Airline/Aerospace Industry	3
AVED 5773	Historical Significance of Aviation	3
AVED 6553	Foundations of Airline Executive Leadership	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Bioinformatics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 16

Code	Title	Hours
Required Courses		
MICR 5203	Bioinformatics	3
BIOC 5930	Advanced Biochemical Techniques (Capstone Project)	1
Electives		
Select 12 hours from the following: [1]		12
Life Sciences Core		
BIOC 6733	Functional Genomics	
PBIO 5553	Molecular Phylogenectic Analysis	
ANSI 5010	Special Problems (Mapping and Marker Assisted Selection)	
PBIO 5110	Special Topics in Plant Biology (Phylogenomics)	
BIOC 5102	Molecular Genetics	
Statistics Core		
STAT 6013	Genetic Statistics	
STAT 5013	Statistics for Experimenters I	
STAT 5023	Statistics for Experimenters II	
STAT 5093	Statistical Computing	
STAT 4203	Mathematical Statistics I	
STAT 4213	Mathematical Statistics II	
Computer Science Core		
CS 5423	Principles of Database Systems	
CS 5433	Big Data Management	
CS 5070	Seminar and Special Problems	
CS 4433	Introduction to Database Systems	
Math Core		
MATH 6590	Topics in Applied Mathematics	
Hours Subtotal		**16**
Total Hours		**16**

[1] Select 3 hours from each discipline or more than one from various disciplines with Advisory Committee approval.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Brand Communication, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Required Courses		
MC 5733	Responsibility in Mass Communication	3
MC 5283	Citizen Branding	3
Hours Subtotal		**6**
Electives		
Select 9 hours from the following:		9
MC 5183	Brand Strategy	
MC 5323	Nation Branding	
MC 5443	Sports Branding	
MC 5483	Nonprofit Branding	
MC 5603	Integrated Marketing Communication	
MC 5613	Storytellers Studio	
MC 5693	Media Analytics	
MC 5933	Theories of Persuasion	
MC 5953	Strategic Health Communications Campaigns	
MC 5113	Methods of Research in Mass Communication	
MC 5163	Mass Communication Law	
MC 5253	International Mass Communication	
MC 5383	Media Relations	
MC 5753	Media And Elections	
MC 5520	Specialized Strategic Communications Applications	
MKTG 5133	Marketing Management	
Hours Subtotal		**9**
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Building Level Leadership, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
Select four courses (12 hours) from the following:		12
EDLE 5813	Leadership Theory and Ethical Decision Making	
EDLE 5953	Developing Educational Organizations	
EDLE 5253	The Principalship	
EDLE 5323	School Finance	
EDLE 5723	Education Law	
EDLE 5473	Supervision of Instruction	
EDLE 5893	Field Studies Intern II	
Total Hours		**12**

Completion of the Graduate Certificate in Building Level Leadership fulfills part of the requirements for recommendation to the Oklahoma State Department of Education for principal certification. Additional courses or internship experiences may be required for principal certification. Advisement is provided by EDLE faculty.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Analytics and Data Science, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
BAN 5733	Descriptive Business Analytics	3
BAN 5743	Predictive Business Analytics	3
Hours Subtotal		**6**
Electives		
Select 6 hours from the following:		6
BAN 5511	Web Analytics and Digital Marketing	
BAN 5521	GIS Applications in Marketing Analytics	
BAN 5551	Optimization Applications in Marketing Analytics	
BAN 5561	Customer Lifetime Value Models in Marketing	
BAN 5563	Strategic Marketing and Business Analytics	
BAN 5753	Advanced Business Analytics	
BAN 5763	Advanced Marketing Research Analytics	
MKTG 5233	Global Competitive Environment	
MKTG 5243	Base SAS Programming for Database Marketing	
MKTG 5253	Advanced SAS Programming for Marketing Analytics	
MKTG 5553	International Marketing Strategy	
MSIS 5193	Programming for Data Science and Analytics I	
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5303	Prescriptive Analytics	
MSIS 5413	Advanced Data Science Applications	
MSIS 5503	Statistics for Data Science	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5643	Graduate Database Management	
MSIS 5663	Advanced Data Wrangling	
MSIS 5673	Descriptive Analytics and Visualization	
One of the following may be used as an elective for the GCRT BADS:		
IEM 5003	Probability and Statistics for Engineers	
IEM 5013	Introduction to Optimization	
IEM 5603	Project Management	
IEM 5703	Discrete System Simulation	
IEM 5723	Data, Process and Object Modeling	
IEM 5763	Supply Chain Strategy	
Other graduate courses as approved by program director		
Hours Subtotal		**6**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Sustainability and Nonprofit Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Core Courses		
MGMT 5033	Management of Sustainable Enterprises	3
or MGMT 5083	Corporate and Social Responsibility	
MGMT 5093	Management of Nonprofit Organizations	3
or MGMT 5163	Fundraising for Nonprofit Organizations	
Hours Subtotal		**6**
Electives		
Select 6 hours from the following:		6
MGMT 5073	Management and Ethical Leadership	
MGMT 5083	Corporate and Social Responsibility	
MKTG 5333	Marketing for Nonprofit Organizations	
MGMT 5163	Fundraising for Nonprofit Organizations	
MKTG 5223	Entrepreneurial Marketing	
MGMT 5533	Leadership Challenges	
EEE 5403	Social Entrepreneurship	
Other graduate courses as approved by program coordinator.		
Hours Subtotal		**6**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Required Courses		
MGMT 5113	Individual and Organizational Behavior	3
MKTG 5133	Marketing Management	3
ACCT 5183	MBA Financial Reporting	3
FIN 5013	Business Finance	3
Electives		
Select three hours from the following:		3
ECON 5113	Managerial Economics	
MSIS 5303	Prescriptive Analytics	
EEE 5233	Ideation, Creativity & Innovation	
HTM 5263	Applied Revenue Management in Hospitality and Tourism Management	
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Collaborative Piano, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Coursework		
MUSI 5002	Final Degree Performance	2
MUSI 5042	Collaborative Piano I	2
MUSI 5142	Collaborative Piano II	2
MUSI 5600	Chamber Ensembles	2
MUSI 5700	Piano Accompanying (two semesters)	2
Hours Subtotal		**10**
Elective Courses		
Select two hours from the following:		2
MUSI 5480	Lessons in Applied Music (Minor Field)	
MUSI 5490	Lessons in Applied Music (Major Field)	
MUSI 5712	Advanced Studies in Conducting I	
MUSI 5722	Advanced Studies in Conducting II	
MUSI 5813	Studies in Lyric Diction	
MUSI 5842	Music Repertory	
MUSI 5890	Special Studies in Music Pedagogy	
Hours Subtotal		**2**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

College Teaching, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
Select 3 hours from the following:		3
CIED 5073	Pedagogical Research (with practicum)	
CIED 6073	Advanced Pedagogical Research (with practicum)	
Hours Subtotal		**3**
Electives		
Select 9 hours from the following:		9
CIED 5043	Issues in Teaching	
CIED 5093	Curriculum Design	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
CIED 5183	Media Literacy Across the Curriculum	
CIED 6033	Analysis of Teaching	
CIED 6133	Theory to Practice in Education	
EDTC 5503	Facilitating Online Learning	
HESA 6713	Effective Teaching in College and Universities	
HIST 5021	Teaching History at the College Level	
EPSY 5473	Psychology of Adult Learning	
EPSY 5983	Instructional Effectiveness in Higher Education	
Hours Subtotal		**9**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Comparative and International Education, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Requirements		
Select 12 hours from the following:		12
ANTH 5243	Globalization and Culture	
EDLE 5813	Leadership Theory and Ethical Decision Making	
EDLE 5953	Developing Educational Organizations	
EDLE 6483	School Leadership, Culture and Ethics	
EDLE 6603	Organizational Theory in Education	
HESA 6163	International Issues in Higher Education	
SCFD 5023	The Comparative Approach: Theory, Method, and Practice	
SCFD 5873	Culture, Society and Education	
SCFD 6023	Comparative Education	
SOC 5223	Culture, History and World Systems	
SOC 5653	Gender and the Middle East	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Construction Project Administration, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 17

Code	Title	Hours
Required Courses		
CET 5103	Integrated Project Delivery Methods	3
CET 5283	Business Practices for Construction	3
CET 5563	Construction Law and Insurance	3
Elective Courses		
Choose 3 of the following: [1]		8
CET 5322	Construction Practice	
CET 5443	Advanced Environmental Building Systems	
CET 5533	Heavy Civil Construction and Estimating	
FEMP 5053	Evidence-Based Decision Making for FCEM	
FSEP 5023	Project Management	
or IEM 5603	Project Management	
FSEP 5033	Risk Analysis	
or FEMP 5653	Hazard, Vulnerability, and Risk Analysis	
Total Hours		**17**

[1] If CET 5322 Construction Practice is not selected, the total hours required for the certificate will be increased by one.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Dietetics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 18

Code	Title	Hours
Core Courses		
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
or REMS 5013	Research Design and Methodology	
NSCI 5033	Macronutrients in Human Nutrition	3
NSCI 5043	Micronutrients in Human Nutrition	3
NSCI 5643	Advanced Medical Nutrition Therapy	3
Hours Subtotal		**12**
Dietetic Internship Practicum Courses		
NSCI 5412	Dietetic Internship Management Practicum	2
NSCI 5422	Dietetic Internship Clinical Practicum	2
NSCI 5432	Dietetic Internship Community Nutrition Practicum	2
Hours Subtotal		**6**
Total Hours		**18**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Digital Design in Design & Merchandising, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
DM 5073	Application of Virtual and Augmented Reality	3
DM 5173	Advanced Digital Design Communication	3
Electives		
Select six hours from the following:		6
DM 5113	Theories of Creative Process in Design and Merchandising	
DM 5373	Topics in Building Information Modeling	
DM 5043	Technology in Apparel Retail and Consumer Experiences	
Other elective approved by Advisor		
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Digital Forensics & Incident Response, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
FRNS 5683	Digital and Multimedia Evidence for Investigators	3
FRNS 6683	Computer Forensics, Extractions and Analysis	3
FRNS 6663	Network Forensics	3
FRNS 6673	Mobile Device Forensics	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

District Level Leadership, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
Select four courses (12 hours) from the following:		12
EDLE 6873	Evaluating District Programs	
EDLE 6633	Politics, Power and Partnerships in Education	
EDLE 6493	Literature Review for School Improvement	
EDLE 6483	School Leadership, Culture and Ethics	
EDLE 6603	Theoretical Foundations of Leadership	
EDLE 6853	Research Traditions in Educational Leadership	
EDLE 6353	Data for District Improvement	
EDLE 6453	Special Topics in Education Law	
EDLE 6363	Strategic and Financial Planning in Educational Organizations	
EDLE 6393	Schools as Human Systems	
EDLE 6893	Internship in Education II	
Total Hours		**12**

Completion of the Graduate Certificate in District Level Leadership fulfills part of the requirements for recommendation to the Oklahoma State Department of Education for superintendent certification. Additional courses or internship experiences may be required for superintendent certification. Advisement is provided by EDLE faculty.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Dyslexia, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 17

Code	Title	Hours
CDIS 5542	Intro to Dyslexia	2
CDIS 5552	Language Processing for Reading and Writing	2
CIED 5893	Reading Processes and Practices GR 1-8	3
SPED 5673	Improving Literacy Skills of Individuals with Disabilities	3
CDIS 5562	Dyslexia and the Brain	2
CDIS 5572	Assessment of Dyslexia	2
CIED 5493	Multisensory Phonics Instruction	3
Total Hours		**17**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational and Psychological Measurement, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Requirements		
REMS 5953	Statistical Methods in Education	3
Select 9 hours of the following:		9
REMS 5373	Educational Measurements	
REMS 6023	Psychometric Theory	
REMS 6033	Factor Analysis in Behavioral Research	
REMS 6673	Item Response Theory	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Effective Teaching in Elementary Schools, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Common Core		
CIED 5373	Design and Management of the Elementary School Classroom	3
CIED 5893	Reading Processes and Practices GR 1-8	3
SMED 5013	Mathematics Education: Theory and Practice(Grade 1-4)	3
Select three hours from the following:		3
SPED 5623	Characteristics of Students with Mild/ Moderate Disabilities	
SPED 5683	Models of Instruction in the Inclusive Classroom	
CIED 5323	Teaching Social Studies in the Schools	
CIED 5343	Introduction to K-12 English Language Learners	
SMED 5083	Teaching Science in the Elementary School (Grades 1-8)	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Effective Teaching in Secondary Schools, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
To achieve certificate objectives, students who are already alternative or emergency certified would complete the following twelve hours of coursework:		
CIED 5333	Effective Classroom Management for Secondary Schools	3
CIED 5343	Introduction to K-12 English Language Learners	3
SPED 5623	Characteristics of Students with Mild/ Moderate Disabilities	3
or SPED 5683	Models of Instruction in the Inclusive Classroom	
Select three hours from the following:		3
CIED 5403	Teaching and Learning in the Secondary Schools: English Language Arts Methods	
CIED 5413	Teaching and Learning in the Secondary Schools: Social Studies Methods	
SMED 5143	Methods for Teaching Secondary Science	
SMED 5153	Methods for Teaching Secondary Math	
AGED 5823	Advanced Methods of Teaching Agriculture	
HDFS 5903	Instructional Methods in Family and Consumer Sciences	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Elementary Mathematics Specialist, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 18

Code	Title	Hours
Required Courses		
SMED 5253	Teaching Rational Number Concepts, Proportional Reasoning, and Classroom Interactions	3
SMED 5273	Number Concepts and Assessment at the Elementary Level (PK-6)	3
SMED 5913	Teaching Geometry and Spatial Visualization	3
SMED 5923	Teaching Algebra and Mathematical Tasks	3
SMED 5933	Teaching Data and Probability in Schools	3
SMED 5943	Mathematics Leadership and Coaching (includes a minimum of 30 hours of field experience)	3
Each of these courses are tied directly to the State EMS standards.		
Total Hours		**18**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Engineering and Technology Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Course		
EM 5111	Introduction to Strategy, Technology and Integration	1
Elective Courses		
Select 11 hours of the following:		11
EM 5143	Strategic Decision Analysis for Engineering and Technology Managers	
EM 5153	Foundations of Engineering Management	
EM 5163	Business Innovation and Technology	
EM 5183	Introduction to Systems Engineering	
EM 5221	Engineering Teaming	
EM 5241	Strategic Project Management	
EM 5253	Engineering Problem Solving and Decision-Making	
EM 5283	Strategic Planning	
EM 5291	Failure Mode and Effects Analysis in Design	
EM 5341	Leadership Strategies for Technical Professionals	
EM 5351	Planning Technical Projects	
EM 5413	Engineering Economic Analysis	
EM 5943	Lean Sigma Implementation	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Entrepreneurship, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
EEE 5233	Ideation, Creativity & Innovation	3
EEE 5333	Launching a Business: The First 100 Days	3
EEE 5863	CIE Scholar Practicum	3
Hours Subtotal		**9**
Electives		
Select 3 hours from the following:		3
EEE 5133	Dilemmas and Debates in Entrepreneurship	
EEE 5223	Entrepreneurial Marketing	
EEE 5263	Corporate Entrepreneurship	
EEE 5313	Emerging Enterprise Consulting	
EEE 5403	Social Entrepreneurship	
EEE 5513	Growing Small and Family Ventures	
EEE 5610	Advanced Entrepreneurship Practicum (Advanced Practicum CIE Scholar - special permission required)	
EEE 5653	Venture Capital	
EEE 5713	Native American Entrepreneurship	
EEE 5993	Preparing Effective Business Plans	
Hours Subtotal		**3**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Environmental Science with Regulatory Certifications, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
ENVR 5593	Hazardous Waste Operations and Emergency Response: HAZWOPER	3
ENVR 5303	Issues in Environmental Sustainability	3
ENVR 5573	Applied Standards for Environmental Managers	3
ENVR 5583	Safety Aspects for Environmental Managers	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Facilitating Career Development, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Core		
HESA 5223	Career Development for College Students	3
HESA 5213	Student Development Theory	3
HESA 5320	Seminar in Student Development	3
Hours Subtotal		**9**
Guided Electives		
Choose one of the following:		3
HESA 5463	Legal Issues in Student Affairs	
HESA 5813	Leadership and Development of Higher Education Organizations	
HESA 5343	Assessment Techniques for Higher Education and Student Affairs Professionals	
Hours Subtotal		**3**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Family Financial Planning, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 18

Code	Title	Hours
Course Requirements		
FFP 5403	Estate Planning for Families	3
FFP 5453	Retirement Planning, Employee Benefits and the Family	3
FFP 5553	Insurance Planning for Families	3
FFP 5603	Investing for the Family's Future	3
FFP 5653	Personal Income Tax for Family Financial Planning	3
FFP 5803	Case Studies in Family Financial Planning	3
Total Hours		**18**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Finance and Investment Banking, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

A student may not have a grade lower than "C" and must maintain a grade-point-average of 3.0 over all courses applicable to this certificate.
Total Hours: 15

Code	Title	Hours
Required Courses		
FIN 5013	Business Finance [1]	3
FIN 5053	Theory and Practice of Financial Management	3
FIN 5223	Investment Theory and Strategy	3
FIN 5343	Valuation and Financial Modeling	3
Select 1 course from the following:		3
FIN 5653	Bond Markets	
FIN 5213	International Business Finance	
FIN 5813	Portfolio Management	
FIN 5763	Derivative Securities and the Management of Financial Price Risk	
FIN 5363	Energy Finance	
FIN 5833	Student Managed Investment Fund	
FIN 5103	Securities Industry Essentials	
FIN 5633	Computational Finance	
Other graduate courses as approved by program coordinator.		
Total Hours		**15**

[1] If a student has taken the equivalent of FIN 5013, they need to take an extra elective.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Food Safety Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Core Courses		
FDSC 5143	Food Safety Modernization Act	3
FDSC 5233	Food Safety Audit Schemes	3
Electives		6
FDSC 5243	Researching Consumer Food Preferences	
AGEC 5423	Agribusiness Management	
AGEC 5303	Agricultural Market Policy and Organization	
EEE 5513	Growing Small and Family Ventures	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Food Safety Science, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Core Courses		
FDSC 5143	Food Safety Modernization Act	3
FDSC 5233	Food Safety Audit Schemes	3
Electives		6
FDSC 5113	Internal Audit and Advanced HACCP	
FDSC 5153	Advanced Food Microbiology	
FDSC 5253	Pre-Harvest Food Safety	
FDSC 5373	Advanced Food Chemistry	
FDSC 5763	Analysis of Food Products	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Arson, Explosives, Firearms, and Toolmarks Investigation, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Hours		
Degree Core		
Select 6 hours from the following:		6
FRNS 5013	Survey of Forensic Sciences	
FRNS 5063	Ethical Research and Scientific Writing	
FRNS 5073	Quality Assurance in Forensic Science	
FRNS 5613	Criminalistics and Evidence Analysis	
FRNS 5653	The Law and Expert Evidence	
FRNS 5963	Forensic Statistics	
Hours Subtotal		**6**
Electives		
Select 6 hours from the following:		6
FRNS 5083	Ethics in Forensic Leadership	
FRNS 5090	Internship in Forensic Sciences	
FRNS 5103	The Chemistry of Pyrotechnics	
FRNS 5113	Essential Science for Explosive Operators	
FRNS 5123	Fire Dynamics in Forensic Investigations	
FRNS 5133	Ordnance Identification and Recognition	
FRNS 5143	Methods in Fire and Explosion Investigation NFPA 921/1033	
FRNS 5153	Explosives Research, Testing and Evaluation Methods	
FRNS 5183	Computer Fire Modeling	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5293	Violence in Forensic Settings	
FRNS 5333	Forensic Chemistry	
FRNS 5343	Forensic Investigation of Clandestine Laboratories	
FRNS 5413	Forensic Pathology and Medicine	
FRNS 5423	Blast Injuries and Effects	
FRNS 5443	Interdisciplinary Post Blast Investigation	
FRNS 5453	Fingerprints and Their Role in Forensic Science	
FRNS 5463	Blood Stain and Pattern Analysis	
FRNS 5473	Forensic Crime Scene Processing	
FRNS 5513	Forensic Bioscience	
FRNS 5523	Forensic Toxicology	
FRNS 5643	Law and Expert Evidence: Firearms and Toolmarks	
FRNS 5663	Destructive Devices/Explosives: Law and Regulations	
FRNS 5673	Introduction to Forensic Intelligence Analysis	
FRNS 5683	Digital and Multimedia Evidence for Investigators	
FRNS 5693	Battlefield Forensics and the Global War on Terror	
FRNS 5703	Psychology of Forensic Intelligence Analysis	
FRNS 5713	Forensic Psychology	
FRNS 5723	Advanced Forensic Psychology	
FRNS 5743	Forensic Science Seminar	
FRNS 5803	Circuit Exploitation of Destructive Devices	
FRNS 5813	Building Construction and Fire/Explosion Forensic Examination	
FRNS 5823	Forensic Examination of Fire Protection Systems	
FRNS 5833	Identification of Destructive Device Fuzing Systems	
FRNS 5853	Electrical Theory and Failure Analysis in Forensic Fire Investigations	
FRNS 5873	Firearms and Toolmarks	
FRNS 5883	History of Firearm Identification	
FRNS 5893	Admissibility of Firearm Identification	
FRNS 5943	Forensic Management and Organizational Development	
FRNS 5970	Directed Readings in Forensic Sciences (maximum of 3 hours can apply to this degree)	
FRNS 5990	Special Topics in Forensic Sciences (Forensic Evidence Processing for Post-Blast Investigations)	
FRNS 5990	Special Topics in Forensic Sciences (Advanced Forensic Evidence Processing for Post-Blast Investigations)	
FRNS 5990	Special Topics in Forensic Sciences (Introduction to Digital Evidence)	
FRNS 5990	Special Topics in Forensic Sciences (Maximum of 6 hours can apply to this degree program)	
FRNS 5990	Special Topics in Forensic Sciences (Forensic Engineering for Investigators)	
FRNS 5990	Special Topics in Forensic Sciences (Forensic Examination of Firearms)	
FRNS 5990	Special Topics in Forensic Sciences (Advanced Forensic Examination of Firearms)	
FRNS 5990	Special Topics in Forensic Sciences (Forensic Examination of Toolmarks)	
FRNS 5990	Special Topics in Forensic Sciences (Advanced Forensic Examination of Toolmarks)	
FRNS 6113	Advanced Energetic Materials Chemistry and Engineering	
FRNS 6123	Advanced Fire Dynamics	
FRNS 6163	Blast Modeling	
FRNS 6173	Advanced Interdisciplinary Post Blast Investigation	
FRNS 6183	Advanced Computer Fire Modeling	

FRNS 6263	Threat Assessment and Management of Violent Extremism	
FRNS 6400	Case Studies in Forensic Science (Maximum of 3 hours can apply to this degree.)	
FRNS 6423	Advanced Blast Injuries and Effects	
FRNS 6663	Network Forensics	
FRNS 6673	Mobile Device Forensics	
FRNS 6683	Computer Forensics, Extractions and Analysis	
FRNS 6833	Advanced Identification of Destructive Device Fuzing Systems	
FRNS 6843	Advanced Destructive Device Circuit Exploitation	
FRNS 6853	Advanced Electrical Theory and Failure Analysis in Forensic Fire Investigations	
FRNS 6903	Advanced Forensic Examination of Firearms	
FRNS 6913	Advanced Toolmark Examination and Identification	
FRNS 6923	RCIED - Advanced Analysis and Mitigation	
FRNS 6933	Shooting Reconstruction for Examiners	
FRNS 6990	Advanced Special Topics in Forensic Sciences (Maximum of 6 hours can apply to this degree.)	
Hours Subtotal		**6**
Other FRNS courses not listed may be used as an elective with departmental permission.		
No more than 2 courses (6 hours) can overlap between any two or more Graduate Certificates in Forensic Sciences.		
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Crime Analysis, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
FRNS 5553	Introduction to Forensic Crime Analysis	3
FRNS 5563	Theories in Forensic Crime Analysis	3
FRNS 5573	Policing Strategies in Forensic Crime Analysis	3
FRNS 5583	Data and Statistics in Forensic Crime Analysis	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Criminal Intelligence, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
FRNS 5673	Introduction to Forensic Intelligence Analysis	3
FRNS 5703	Psychology of Forensic Intelligence Analysis	3
FRNS 6703	Advanced Forensic Intelligence Analysis	3
FRNS 5633	Open Source Intelligence	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Genealogy, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
FRNS 5923	Intelligence Investigations for Forensic Genealogy	3
FRNS 5933	Introduction to Forensic Genealogy	3
FRNS 6133	Advanced Forensic Genealogy	3
FRNS 6143	Applications of Forensic Genealogy	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Investigation of Impaired Driving, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
FRNS 5013	Survey of Forensic Sciences	3
FRNS 5523	Forensic Toxicology	3
FRNS 5333	Forensic Chemistry	3
FRNS 5303	Forensic Investigation of Impaired Vehicle Operation (Forensic Investigation of Impaired Vehicle Operation)	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Investigative Sciences, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Minimum GPA: 3.0 in all courses applicable to the Graduate Certificate with no grade lower than a "C"

Total Hours: 12

Code	Title	Hours
Core Courses		
FRNS 5013	Survey of Forensic Sciences	3
FRNS 5613	Criminalistics and Evidence Analysis	3
Guided Electives		
Select 6 hours of electives		6
FRNS 5073	Quality Assurance in Forensic Science	
FRNS 5083	Ethics in Forensic Leadership	
FRNS 5090	Internship in Forensic Sciences	
FRNS 5123	Fire Dynamics in Forensic Investigations	
FRNS 5143	Methods in Fire and Explosion Investigation NFPA 921/1033	
FRNS 5153	Explosives Research, Testing and Evaluation Methods	
FRNS 5183	Computer Fire Modeling	
FRNS 5213	Molecular Biology for the Forensic Scientist	
FRNS 5243	Population Genetics for the Forensic Scientist	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5282	Methods in Forensic Sciences	
FRNS 5293	Violence in Forensic Settings	
FRNS 5333	Forensic Chemistry	
FRNS 5343	Forensic Investigation of Clandestine Laboratories	
FRNS 5413	Forensic Pathology and Medicine	
FRNS 5423	Blast Injuries and Effects	
FRNS 5443	Interdisciplinary Post Blast Investigation	
FRNS 5453	Fingerprints and Their Role in Forensic Science	
FRNS 5463	Blood Stain and Pattern Analysis	
FRNS 5473	Forensic Crime Scene Processing	
FRNS 5513	Forensic Bioscience	
FRNS 5523	Forensic Toxicology	
FRNS 5543	Advanced Forensic Toxicology	
FRNS 5553	Introduction to Forensic Crime Analysis	
FRNS 5563	Theories in Forensic Crime Analysis	
FRNS 5573	Policing Strategies in Forensic Crime Analysis	
FRNS 5583	Data and Statistics in Forensic Crime Analysis	
FRNS 5653	The Law and Expert Evidence	
FRNS 5663	Destructive Devices/Explosives: Law and Regulations	
FRNS 5673	Introduction to Forensic Intelligence Analysis	
FRNS 5683	Digital and Multimedia Evidence for Investigators	
FRNS 5703	Psychology of Forensic Intelligence Analysis	
FRNS 5713	Forensic Psychology	
FRNS 5723	Advanced Forensic Psychology	
FRNS 5733	Forensic Victimology	
FRNS 5743	Forensic Science Seminar	
FRNS 5753	Criminal Behavioral Analysis	
FRNS 5803	Circuit Exploitation of Destructive Devices	
FRNS 5813	Building Construction and Fire/Explosion Forensic Examination	
FRNS 5823	Forensic Examination of Fire Protection Systems	
FRNS 5833	Identification of Destructive Device Fuzing Systems	
FRNS 5853	Electrical Theory and Failure Analysis in Forensic Fire Investigations	
FRNS 5873	Firearms and Toolmarks	
FRNS 5883	History of Firearm Identification	
FRNS 5893	Admissibility of Firearm Identification	
FRNS 5943	Forensic Management and Organizational Development	
FRNS 5970	Directed Readings in Forensic Sciences (Maximum of 3 hours can apply to this degree.)	
FRNS 5990	Special Topics in Forensic Sciences (Maximum of 6 hours can apply to this degree.)	
FRNS 6113	Advanced Energetic Materials Chemistry and Engineering	
FRNS 6123	Advanced Fire Dynamics	
FRNS 6173	Advanced Interdisciplinary Post Blast Investigation	
FRNS 6183	Advanced Computer Fire Modeling	
FRNS 6263	Threat Assessment and Management of Violent Extremism	
FRNS 6273	Threat Assessment and Management of Workplace Violence	
FRNS 6283	Threat Assessment and Management of Violence in Schools	
FRNS 6293	Threat Assessment and Management of Stalking	
FRNS 6400	Case Studies in Forensic Science (Maximum of 6 hours can apply to this degree.)	
FRNS 6423	Advanced Blast Injuries and Effects	
FRNS 6663	Network Forensics	
FRNS 6673	Mobile Device Forensics	
FRNS 6683	Computer Forensics, Extractions and Analysis	
FRNS 6733	Juvenile Issues in Forensic Sciences	

FRNS 6833	Advanced Identification of Destructive Device Fuzing Systems
FRNS 6843	Advanced Destructive Device Circuit Exploitation
FRNS 6853	Advanced Electrical Theory and Failure Analysis in Forensic Fire Investigations
FRNS 6903	Advanced Forensic Examination of Firearms
FRNS 6913	Advanced Toolmark Examination and Identification
FRNS 6933	Shooting Reconstruction for Examiners
FRNS 6990	Advanced Special Topics in Forensic Sciences (Maximum of 6 hours can apply to this degree.)
Other FRNS courses not listed may be used as an elective with departmental permission.	
No more than 2 courses (6 hours) can overlap between any two or more Graduate Certificates in Forensic Sciences.	
Total Hours	**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Psychology, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Minimum GPA: 3.00 in all courses
Total Hours: 12

Code	Title	Hours
Core Requirements		
FRNS 5013	Survey of Forensic Sciences	3
FRNS 5713	Forensic Psychology	3
FRNS 5733	Forensic Victimology	3
Guided Electives		
Select 3 hours from the following:		3
FRNS 5723	Advanced Forensic Psychology	
FRNS 5753	Criminal Behavioral Analysis	
FRNS 6400	Case Studies in Forensic Science (Maximum of 3 hours allowed on this degree sheet)	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5293	Violence in Forensic Settings	
FRNS 5703	Psychology of Forensic Intelligence Analysis	
No more than 2 courses (6 hours) can overlap between any two or more Graduate Certificates in Forensic Sciences.		
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Threat Assessment and Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total hours: 12

Code	Title	Hours
Required		
FRNS 5273	Forensic Threat Assessment and Management	3
FRNS 5293	Violence in Forensic Settings	3
FRNS 5713	Forensic Psychology	3
Select one of the following:		3
FRNS 6263	Threat Assessment and Management of Violent Extremism	
FRNS 6273	Threat Assessment and Management of Workplace Violence	
FRNS 6283	Threat Assessment and Management of Violence in Schools	
FRNS 6293	Threat Assessment and Management of Stalking	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Weapons of Mass Destruction Investigation, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
FRNS 5013	Survey of Forensic Sciences	3
FRNS 5343	Forensic Investigation of Clandestine Laboratories	3
FRNS 5353	Forensic Investigations Involving Radiological/Nuclear Materials	3
FRNS 5363	Forensic Investigations of Chemical/ Biological Incidents	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Geographic Information Systems, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Core Courses		
Select three courses from the following:		9
GEOG 5103	Fundamentals of Geographic Information Systems	
GEOG 5323	Geographic Information Systems: Resource Management Applications	
GEOG 5253	Geographic Information Systems: Socioeconomic Applications	
GEOG 5343	Advanced Geographic Information Systems: Resource Management Applications	
GEOG 5353	Advanced Geographic Information Systems: Socioeconomic Applications	
GEOG 5373	Geographic Information Systems in Public Health	
Hours Subtotal		**9**
Electives		
Select one course from each category:		6
Category 1: Spatial Analysis/GIS Programming		
GEOG 5383	Geospatial Programming with Python and AI Tools	
GEOG 5303	Geographic Analysis I	
GEOG 6303	Geographic Analysis II	
Category II: Spatial Data Collection, Management & Representation		
GEOG 5263	Geospatial Applications for Unmanned Aerial Systems	
GEOG 5503	Applications of the Global Positioning System in Field Research	
GEOG 5333	Remote Sensing	
GEOG 5663	Web GIS: Trends, Principles, and Applications	
GEOG 6313	Mixed Methods in Field Research	
GEOG 6333	Advanced Remote Sensing	
Hours Subtotal		**6**
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Global Issues, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Core Courses		
Select nine hours from the following:		9
GS 5013	Contemporary Issues in Global Studies	
GS 5213	Global Trade Economics	
GS 5223	Culture, History and World Systems	
GS 5233	Global Competitive Environment	
GS 5243	Trade and Investment Promotion	
GS 5313	Global Communication and Public Diplomacy	
GS 5323	Nation Branding	
GS 5333	Certified Global Business Professional	
GS 5343	Geopolitics of New Media	
GS 5513	Global Crisis Management	
GS 5523	Transnational Criminal Organizations and the War on Drugs	
GS 5533	Complex Emergencies	
GS 5543	International Dimensions of Fire and Emergency Management	
GS 5553	Global Poverty and Inequality	
Hours Subtotal		**9**
Electives		
Choose any two courses from one of the focus areas below or from the list of core courses listed above:		6
Global Trade and Business		
MKTG 5553	International Marketing Strategy	
AGEC 5343	International Agricultural Markets and Trade	
MGMT 5743	Intl Negotiations	
ECON 5603	Global Economics	
FIN 5213	International Business Finance	
EEE 5403	Social Entrepreneurship	
GS 5020	Independent Study	
GS 5070	Special Topics in Global Studies	
Other courses as approved by Director of MSGS program		
Public Diplomacy and Global Communication		
MC 5253	International Mass Communication	
GS 5043	Politics of the Global Economy	
GS 5223	Culture, History and World Systems	
SOC 5333	Global Population and Social Problems	
POLS 5673	Understanding and Responding to Terrorism	
POLS 5203	ProSeminar in International Relations	
AGCM 5503	Risk and Crisis Communication in Agricultural Sciences and Natural Resources	
GS 5020	Independent Study	
GS 5070	Special Topics in Global Studies	
Other courses as approved by Director of MSGS program		
Global Leadership and Development		
AGED 5703	Cultural Competency for Working in Agricultural and Extension Education	
ANTH 5243	Globalization and Culture	
GEOG 5233	Human Dimensions of Global Environmental Change	
MGMT 5093	Management of Nonprofit Organizations	
NSCI 5553	Global Nutrition and Food Security	
SCFD 6023	Comparative Education	
EEE 5403	Social Entrepreneurship	
GS 5020	Independent Study	
GS 5070	Special Topics in Global Studies	
Other courses as approved by Director of MSGS program		
Global Disaster and Crisis Management		
POLS 5673	Understanding and Responding to Terrorism	
FEMP 6313	Comparative and International Dimensions of Emergency Management	
FEMP 6303	Populations at Risk	
FEMP 5223	Preparedness and Planning	
AGCM 5503	Risk and Crisis Communication in Agricultural Sciences and Natural Resources	
SOC 6493	Sociology of Disaster	
NSCI 5553	Global Nutrition and Food Security	
GEOG 5233	Human Dimensions of Global Environmental Change	
GS 5020	Independent Study	
GS 5070	Special Topics in Global Studies	
Other courses as approved by Director of MSGS program		
Hours Subtotal		**6**
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Grassland Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
NREM 5713	Grassland Fire Ecology	3
NREM 5692	Grassland Monitoring and Assessment.	2
NREM 5682	Grassld Plant Identification	2
Hours Subtotal		**7**
Elective Courses		
Select 5 hours from the following:		5
NREM 5693	Principles of Forage Quality and Evaluation to Ruminate	
NREM 5673	Rangeland Resources Watershed Management	
NREM 5033	Ecology of Invasive Species	
Hours Subtotal		**5**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health Analytics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
HCA 5013	Survey of Health Care Administration [1]	3
MSIS 5673	Descriptive Analytics and Visualization	3
MSIS 5633	Predictive Analytics Technologies	3
Hours Subtotal		**9**
Electives		
Select 3 hours from the following:		3
MSIS 5303	Prescriptive Analytics	
MSIS 5663	Advanced Data Wrangling	
MSIS 5193	Programming for Data Science and Analytics I	
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5413	Advanced Data Science Applications	
MSIS 5503	Statistics for Data Science	
MSIS 5643	Graduate Database Management	
MSIS 5683	Advanced Analytics Technologies	
Other graduate courses as approved by program coordinator.		
Hours Subtotal		**3**
Total Hours		**12**

[1] Or, other HCA 5000/6000 level course for those who have completed/are pursuing DHA or MS-HCA.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health Care Administration, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
HCA 5013	Survey of Health Care Administration	3
HCA 5123	Survey of Research and Evaluation in Health Care	3
HCA 5033	Legal Issues in Health Care Administration	3
HCA 5063	Health Care Compliance	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health Care Administration: Compliance, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
HCA 5033	Legal Issues in Health Care Administration	3
HCA 5063	Health Care Compliance	3
HCA 5993	Clinical Operations Management	3
HCA 6053	Advanced Heathcare Law	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health Care Administration: Finance, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
HCA 5083	The Financial Structure of Health Care Organizations	3
HCA 5213	Advanced Cases in Healthcare Finance	3
HCA 5163	Healthcare Accounting and Auditing	3
HCA 5063	Health Care Compliance	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health Care Administration: Global Health, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
GLHE 5103	Introduction to Global Health	3
or HCA 5103	Introduction to Global Health	
GLHE 5143	Relief and Development in Global Health	3
or HCA 5143	Relief and Development in Global Health	
GLHE 5153	International Health Systems	3
or HCA 5153	International Health Systems	
GLHE 5173	Emerging Global Infectious Diseases	3
or HCA 5173	Emerging Global Infectious Diseases	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Hidden Student Populations, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
HESA 5213	Student Development Theory	3
HESA 5433	Practicum in Hidden Student Populations	3
HESA 6213	The Diverse College Student, Paradigms and Practice	3
Guided Electives		
Select 3 hours from the following: [1]		3
HESA 6123	College Student Sexuality	
HESA 6683	The U.S. Two-Year/Community College	
SCFD 6983	Diversity and Equity Issues in Education	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
HDFS 5223	Resilience in Individuals and Families	
HDFS 5543	Family Crisis and Trauma	
HDFS 5673	Family Dynamics of Addiction	
SPED 5633	Behavior Characteristics of Exceptional Individuals	
SPED 5993	Culturally Responsive Teaching in Special Education	
WAED 5013	Foundations and Characteristics of Adult Learning	
WAED 5203	Foundations of Adult and Continuing Education	
Total Hours		**12**

[1] Students select interdisciplinary electives in areas across campus through consultation with their advisor and with consideration of their individual interests and leadership in their current and future educational spaces. Electives may come from the pre-approved list or submitted for faculty review and approval.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Higher Education Administration, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Core		
HESA 5343	Assessment Techniques for Higher Education and Student Affairs Professionals	3
HESA 5813	Leadership and Development of Higher Education Organizations	3
HESA 5983	Administrative Issues in Higher Education and Student Affairs	3
HESA 6233	Critical Issues in Higher Education and Student Affairs	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Hospitality and Tourism Analytics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
HTM 5503	Big Data Analytics in Hospitality and Tourism Management	3
HTM 5263	Applied Revenue Management in Hospitality and Tourism Management	3
Hours Subtotal		**6**
Electives		
Select 6 hours from the following:		6
HTM 5323	Hospitality and Tourism Financial Management	
BAN 5511	Web Analytics and Digital Marketing	
BAN 5521	GIS Applications in Marketing Analytics	
MKTG 5733	Introduction to Marketing Analytics	
MKTG 5743	Advanced Marketing Analytics	
BADM 5513	Fundamentals of Business Analytics	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5623	Information and Network Technology Management	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5643	Graduate Database Management	
MGMT 5543	Human Resource Analytics	
Other graduate courses as approved by program coordinator.		
Hours Subtotal		**6**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Human Resource Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
MGMT 5133	Total Rewards	3
MGMT 5153	Talent Development	3
MGMT 5823	Talent Acquisition	3
LSB 5423	Employment Law	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Information Assurance, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
MSIS 5203	Advanced Infrastructure Development	3
MSIS 5213	Cybersecurity Systems Management	3
Select 6 hours of the following:		6
MSIS 5233	Advanced Applied Ethical Hacking	
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5253	Advanced System Certification and Accreditation	
MSIS 5273	Legal and Ethical Issues in Information Technology	
MSIS 5713	Scripting Essentials	
Other graduate courses as approved by program coordinator.		
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Integrative Design of Building Envelope, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Degree Core		
ARCH 5003	Integrative Design	3
Hours Subtotal		**3**
Electives		
Select 9 hours of the following:		9
ARCH 5023	Timber and Masonry Design and Analysis	
ARCH 5093	Real Estate Development	
ARCH 5100	Special Topics in Architecture	
ARCH 5133	Advanced Energy Issues in Architecture	
ARCH 5263	Advanced Architecture Technology Seminar	
ARCH 5493	Entrepreneurship and Architecture	
ARCH 6243	Structures: Analysis III	
ARCH 6343	Structures: Steel III	
ARCH 6543	Structures: Concrete III	
CIVE 5113	Construction Business Management	
CIVE 5183	Construction Estimating	
CIVE 5193	BIM for Constructions	
CIVE 5273	Concrete Durability	
CIVE 5583	Advanced Construction Materials	
CIVE 5873	Air Pollution Control Engineering	
FSEP 5033	Risk Analysis	
FSEP 5113	Introduction to Fire Dynamics	
FSEP 5133	Principles of Industrial and Process Safety	
FSEP 5143	Performance Based Design for Life Safety in Fire and Other Hazards	
FSEP 5163	Building Electrical Systems	
FRNS 5103	The Chemistry of Pyrotechnics	
FRNS 5113	Essential Science for Explosive Operators	
FRNS 5123	Fire Dynamics in Forensic Investigations	
MSE 5013	Advanced Thermodynamics of Materials	
MSE 5023	Diffusion and Kinetics	
MSE 5033	Composite Materials	
MSE 5053	Smart Materials	
MSE 5093	Fundamentals of Materials Science	
MSE 5174	Fundamentals of Photovoltaics	
MSE 5223	Additive Manufacturing: Materials, Methods and Applications	
Other courses approved by advisor.		
Hours Subtotal		**9**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Interdisciplinary Toxicology, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Core Courses		
CBSC 5213	Toxicology: Molecules to Ecosy	3
or ITOX 5213	From Molecules to Ecosystems	
BIOL 5363	Principles of Toxicology	3
or ITOX 5363	Principles of Toxicology	
Elective Courses		
Approved elective courses, selected by the student, with approval of the ITOX program		9
Suggested Elective Courses		
Biomedical Sciences		
BIOM 6543	Environmental Toxicants and the Brain	
or ITOX 6543	Environmental Toxins of the Brain	
Forensic Sciences		
FRNS 5523	Forensic Toxicology	
or ITOX 5523	Forensic Toxicology	
FRNS 5543	Advanced Forensic Toxicology	
or ITOX 5543	Advanced Forensic Toxicology	
Microbiology		
MICR 5203	Bioinformatics	
or ITOX 5203	Bioinformatics	
Comparative Biomedical Sciences		
CBSC 6223	Xenobiotic Disposition	
or ITOX 6223	Xenobiotic Disposition	
CBSC 5801	Nonclinical Drug Development	
or ITOX 5801	Nonclinical Drug Development	
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

International Disaster and Emergency Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 18

Code	Title	Hours
Global Studies Core Requirements		
GS 5513	Global Crisis Management	3
GS 5013	Contemporary Issues in Global Studies	3
or GS 5110	Internship in Global Studies	
or GS 5200	Study Abroad	
Fire and Emergency Management Program Core Requirements		
FEMP 5623	Emergency Management in the International Setting	3
FEMP 6313	Comparative and International Dimensions of Emergency Management	3
Electives		
Select two courses and six credit hours minimum from the following:		6
AGCM 5503	Risk and Crisis Communication in Agricultural Sciences and Natural Resources	
FEMP 5213	Disaster Response	
FEMP 5223	Preparedness and Planning	
FEMP 6303	Populations at Risk	
GS 5020	Independent Study	
GS 5070	Special Topics in Global Studies	
GS 5200	Study Abroad	
GS 5413	Global Development	
GS 5523	Transnational Criminal Organizations and the War on Drugs	
GS 5533	Complex Emergencies	
MGMT 5163	Fundraising for Nonprofit Organizations	
Total Hours		**18**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

K-12 STEM Educator, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
SMED 5050	Seminar in Integrated Mathematics and Science Applications	3
SMED 5313	Introduction to K-12 Engineering Education	3
SMED 5333	Developing Informal and Formal STEM Programs in Schools	3
Select three hours from the following:		3
SMED 5223	Teaching Science in the Schools	
SMED 5243	Environmental Education in the Curriculum	
SMED 5253	Teaching Rational Number Concepts, Proportional Reasoning, and Classroom Interactions	
SMED 5273	Number Concepts and Assessment at the Elementary Level (PK-6)	
SMED 5280	Workshop in Science Education	
SMED 5283	Inquiry Teaching and Learning in Science and Mathematics Education	
SMED 5293	Teaching and Learning Mathematics in Technology	
SMED 5323	Technology for the K-12 STEM Educator	
SMED 5813	Assessment in Science Education	
SMED 5913	Teaching Geometry and Spatial Visualization	
SMED 5923	Teaching Algebra and Mathematical Tasks	
SMED 5933	Teaching Data and Probability in Schools	
These 12 hours could also be used to satisfy specialization coursework for the MS in Teaching, Learning, and Leadership with an option in Mathematics/Science Education degree.		
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Learning and Motivation, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Coursework		
EPSY 5103	Human Development in Psychology	3
EPSY 5463	Psychology of Learning	3
EPSY 5553	Motivation in Educational Contexts	3
Select one course from the following:		3
EPSY 5473	Psychology of Adult Learning	
EPSY 5603	Developmental Issues in Instruction	
EPSY 5983	Instructional Effectiveness in Higher Education	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Mathematics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Admission requirements: Bachelor's degree with a GPA of 3.0 and relevant prerequisite course work to enroll in graduate math classes.		
No grade below B. Minimum 9 hours in residence at OSU.		
12 hours of graduate credit math courses (course numbers 5000 or above). No thesis hours allowed (MATH 5000 or MATH 6000). Credits must be tranferrable to OSU.		12
At most 3 hours can be taken from the following list:		
MATH 5033	History of Mathematics	
MATH 5073	Introduction to Analysis	
MATH 5203	Intermediate Differential Equations	
MATH 5263	Introduction to Partial Differential Equations	
MATH 5423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 5453	Mathematical Interest Theory	
MATH 5503	Introduction to Optimization	
MATH 5513	Introduction to Numerical Analysis	
MATH 5673	Combinatorics	
MATH 5713	Number Theory	
MATH 5753	Introduction to Cryptography	
MATH 5803	Groups and Representations	
Recommended courses for PhD students:		
MATH 5023	Advanced Linear Algebra	
MATH 5043	Advanced Calculus I	
MATH 5053	Advanced Calculus II	
MATH 5143	Real Analysis I	
Recommended courses for electrical engineering students interested in Artificial Intelligence:		
MATH 5073	Introduction to Analysis	
MATH 5513	Introduction to Numerical Analysis	
MATH 5533	Matrix Methods in Machine Learning	
MATH 5553	Numerical Analysis for Linear Algebra	
Recommended courses for students in math education and teaching undergraduate mathematics		
MATH 5003	Abstract Algebra I	
MATH 5023	Advanced Linear Algebra	
MATH 5083	Intermediate Analysis	
MATH 5913	Introduction to Research in Mathematics Education	
Recommended for any student pursuing a graduate certificate.		
MATH 5023	Advanced Linear Algebra	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Medical Education, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
HCA 5093	Leadership Methods and Styles in Healthcare	3
HCA 5043	Organizational Leadership and Development in Health Care	3
HCA 5123	Survey of Research and Evaluation in Health Care	3
Choose one additional course:		3
HCA 6923	Graduate Seminar-Graduate Medical Education Programs	
HCA 5133	Health Care Informatics	
HCA 5993	Clinical Operations Management	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Medical Sciences, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 19

Code	Title	Hours
Required Courses		
BIOM 5122	Introduction and Survey of Human Structure	2
BIOM 5215	Medical Biochemistry	5
BIOM 5316	Medical Microbiology and Immunology	6
BIOM 5616	Graduate Biomedical Physiology	6
Total Hours		**19**

Must maintain a GPA of 3.0 in all courses applicable on the Plan of Study.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Museum and Curatorial Studies, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Core Courses		
ART 5810	Museum Studies Internship	3
or HIST 5030	Public History Internship	
Select 3 hours from the following:		3
HIST 5053	Museum Studies	
ART 5003	Art Museum and Exhibition Practices	
Hours Subtotal		**6**
Guided Electives		
Select 6 hours of the following: [1]		6
HIST 5033	Introduction to Public History	
HIST 5063	Historic Preservation	
HIST 5073	Digital Methods in History	
ART 5813	Museum Exhibition	
ART 5723	History of Museums and Collecting	
ART 5733	Museum Education	
Hours Subtotal		**6**
General Electives		
Select 3 hours of graduate-level electives: [2]		3
Hours Subtotal		**3**
Total Hours		**15**

[1] Students must choose one HIST class and one ART class.

[2] May include additional hours of internship. May include History, Art History, Business Administration, Education, Zoology, among others, and are subject to the approval of the program coordinator.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Neuroscience, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Core Courses		
PSYC 5073	Principles of Neuroscience	3
or BIOL 5073	Principles of Neuroscience	
or BIOM 5983	Principles of Neuroscience	
Select one of the following:		3
HHP 5063	Neuroanatomy	
BIOM 5993	Principles of Neuroanatomy	
Electives		
Select six hours from the following (select from appropriate section):		6
Stillwater and/or Tulsa offerings		
BIOL 5293	Behavioral Neuroendocrinology	
CHEM 6303	Physical Organic Chemistry	
ECEN 5783	Medical Imaging	
HDFS 5213	Lifespan Development	
HDFS 5283	Developmental Disabilities	
HHP 5923	Readings in Neurophysiology	
HHP 5823	Applied Neuromuscular Physiology	
PSYC 5823	Cognitive Processes	
PSYC 6483	Neurobiological Psychology	
PSYC 6583	Developmental Psychobiology	
CHS/Tulsa offerings		
BIOM 6513	Neuropharmacology	
BIOM 6972	Role of Nicotinic Acetylcholine Receptors in Neuropsychiatric Disorders	
BIOM 6543	Environmental Toxins in the Brain	
BIOM 6583	Neuroinflammation	
BIOM 6663	Neuroethology	
BIOM 6010	Topics in Biomedical Sciences	
BIOM 6183	Cellular and Molecular Biology of Pain	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Non-Profit Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
MGMT 5093	Management of Nonprofit Organizations	3
MGMT 5163	Fundraising for Nonprofit Organizations	3
Hours Subtotal		**6**
Electives		
Select 6 hours from the following:		6
MGMT 5031	Leading Organizational Change	
MGMT 5051	Creating Ethical Work Places	
MGMT 5061	Managing Confrontations	
MGMT 5083	Corporate and Social Responsibility	
MGMT 5533	Leadership Challenges	
MGMT 5563	Crisis in Organizations	
MGMT 5713	Negotiation and Third-Party Dispute Resolution	
EEE 5403	Social Entrepreneurship	
EEE 5603	Entrepreneurship Empowerment in South Africa	
Hours Subtotal		**6**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Nursing Leadership, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
HCA 5503	Nursing Leadership in US Healthcare Delivery	3
HCA 5513	Administrative Healthcare Nursing Leadership	3
HCA 5523	Nursing Leadership in Healthcare Employee Management	3
HCA 5533	Nursing Leadership in Healthcare Fiscal Management	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Online Teaching, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
EDTC 5103	Advanced Computing Applications in Education	3
EDTC 5153	Computer-Based Instruction Development	3
or EDTC 6153	Advanced Computer-Based Instructional Development	
EDTC 5503	Facilitating Online Learning	3
EDTC 5753	Introduction to Instructional Design	3
or EDTC 6613	Instructional Systems Design	
Hours Subtotal		**12**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Program Evaluation, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
REMS 5013	Research Design and Methodology	3
REMS 6373	Program Evaluation	3
REMS 6383	Program Evaluation II	3
Select 3 hours from the following:		3
SCFD 5913	Introduction to Qualitative Inquiry	
SCFD 6123	Qualitative Research I	
Similar courses from related disciplines will be considered as recommended by the student's advisory committee.		
Hours Subtotal		**12**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Public Health, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses:		
MPH 5653	Foundations of Public Health Education and Promotion	3
MPH 5683	Health Behavior Theory and Practice for Public Health	3
Hours Subtotal		**6**
Electives		
Select two courses:		6
MPH 5133	Environmental Health	
MPH 5323	General Epidemiology	
MPH 5453	Cultural Issues in Health	
HCA 5013	Survey of Health Care Administration	
Hours Subtotal		**6**
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Quantum Information Science, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Minimum Grade Point Average in Coursework: 2.00
Total Hours: 12

Code	Title	Hours
PHYS 5503	Frontiers of Quantum Information Science	3
PHYS 5613	Quantum Mechanics I	3
PHYS 5663	Solid State Physics I	3
PHYS 6423	Quantum Optics	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Recreation and Leisure Management, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required course		
RMRT 5453	Recreation Management and Recreational Therapy Experiential Learning Lab	3
Electives		
Choose one course from each group:		
Elective course A		
Select one course:		3
RMRT 5030	Field Problems in Recreation Management	
RMRT 5423	Supervision of Recreation Management People and Programs	
RMRT 5443	Social Foundations of Recreation Management	
Elective course B		
Select one course:		3
RMRT 5113	Graduate Internship in Recreation Management	
RMRT 5403	Outdoor Recreation	
RMRT 5513	Recreation and Leisure Education	
RMRT 5703	Areas and Facilities in Recreation Management Services	
RMRT 5713	Campus Recreation, Intramurals, and Sport	
Elective course C		
Select one course:		3
RMRT 5013	Recreation and a Technologically Advanced Society	
RMRT 5020	Workshop in Recreation Management	
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	
RMRT 5033	Recreation Specialization and Serious Leisure	
RMRT 5413	Organization and Administration of Recreation and Leisure Services	
RMRT 5943	Grant Writing and Nonprofit Management	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

School Library Certification, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Required Courses		
LBSC 5113	Selection and Organization of Informational and Educational Resources	3
LBSC 5613	Library Networks and Databases	3
LBSC 5823	Administration of School Library Media and Technology Programs	3
CIED 5353	Literature for Children, Adolescents and Adults	3
EDTC 5103	Advanced Computing Applications in Education	3
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Special Education, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 18

Code	Title	Hours
Select six courses from the following:		18
SPED 5623	Characteristics of Students with Mild/ Moderate Disabilities	
SPED 5743	Planning, Compliance and Current Practices	
SPED 5883	Classroom and Behavior Management	
SPED 5673	Improving Literacy Skills of Individuals with Disabilities	
SPED 5993	Culturally Responsive Teaching in Special Education	
SPED 5783	Assessing Students with Disabilities	
SPED 5723	Transition Into Adulthood for Individuals with Disabilities	
SPED 5123	Characteristics and Teaching Methods for Students with Autism Spectrum Disorders	
CIED 5473	Reading & Writing Difficulties	
SPED 5683	Models of Instruction in the Inclusive Classroom	
SPED 5643	Working with Families of Students with Diverse Needs	
Total Hours		**18**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Sport Communication, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Required Courses		
MC 5733	Responsibility in Mass Communication	3
MC 5443	Sports Branding	3
Hours Subtotal		**6**
Electives		
Select 9 hours from the following:		9
MC 5083	Course MC 5083 Not Found	
MC 5143	Diversity In Sports Media	
MC 5843	Sport Fanship	
MC 5560	Specialized Sports Media Applications	
MC 5693	Media Analytics	
MC 5883	Media Management	
MC 5113	Methods of Research in Mass Communication	
MC 5163	Mass Communication Law	
MC 5183	Brand Strategy	
MC 5253	International Mass Communication	
Hours Subtotal		**9**
Total Hours		**15**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Statistical Methods and Analyses in Educational and Behavioral Sciences, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
REMS 6003	Analyses of Variance	3
REMS 6013	Multiple Regression Analysis in Behavioral Studies	3
REMS 6663	Applied Multivariate Research in Behavioral Studies	3
REMS 6683	Multilevel Modeling Methods in Education	3
or REMS 6693	Structural Equation Modeling for Behavioral and Educational Research	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Statistics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 15

Code	Title	Hours
Required Coursework		
STAT 5013	Statistics for Experimenters I	3
Hours Subtotal		**3**
Electives		
Select 12 hours of the following:		12
STAT 5023	Statistics for Experimenters II	
STAT 5033	Nonparametric Methods	
STAT 5543	Applied Regression Analysis	
STAT 5053	Time Series Analysis	
STAT 5063	Statistical Machine Learning with R	
STAT 5073	Categorical Data Analysis	
STAT 5193	SAS and R Programming	
STAT 5303	Experimental Designs	
STAT 5253	Mathematical Statistics I	
STAT 5263	Mathematical Statistics II	
Hours Subtotal		**12**
Total Hours		**15**

Student Affairs, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Core		
HESA 5173	Introduction to Student Affairs	3
HESA 5213	Student Development Theory	3
HESA 5343	Assessment Techniques for Higher Education and Student Affairs Professionals	3
HESA 6243	Internship in Higher Education and Student Affairs I	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Substance Abuse Counseling, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 18

Code	Title	Hours
Required Core		
CPSY 5673	Substance Abuse Counseling	3
CPSY 5773	Substance Abuse Counseling Theories	3
CPSY 5783	Substance Abuse Psychopharmacology	3
HDFS 5673	Family Dynamics of Addiction	3
HDFS 5773	Family Dynamics and Addiction Treatment	3
CPSY 5793	Substance Abuse Counseling Internship	3
Total Hours		**18**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Supply Chain and Logistics, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
IEM 5763	Supply Chain Strategy	3
IEM 5613	Integrated Manufacturing Control Systems	3
IEM 5633	Advanced Production and Inventory Control	3
IEM 5203	Facility Location, Warehousing and Transportation	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teacher Development, Conflict Transformation, and Compassionate Education, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Core Requirements		
Select one course from the following:		3
CIED 5823	Mindfulness, Curriculum, and Teaching (OR)	
CIED 6153	Curriculum of Nonviolence	
Both courses include experiential projects for certificate assessment		
Elective Courses		
Choose 9 hours from the following:		9
CIED 5453	Infusing Aesthetics Across the Curriculum	
CIED 5723	Gender and Curriculum	
CIED 6173	International Peace Curriculum Development	
CIED 5873	Place as Curriculum Wisdom	
CIED 5533	Writing as Peace Process: Healing Practices, Genre Awareness, and Educational Renewal	
CIED 5563	Learning and Living the Wisdom of Peace	
CPSY 5503	Multicultural Counseling	
GWST 5913	Gender, Violence and Justice	
GWST 5950	Special Topics in Global Feminism	
POLS 5253	Conflict Management and Peacebuilding	
SOC 5493	Seminar in Environmental Justice	
SOC 5323	Seminar on Collective Behavior and Social Movements	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teaching English to Speakers of Other Languages, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
ENGL 5130	Studies in English Grammar	3
ENGL 5243	Teaching English as a Second Language	3
ENGL 5333	Second Language Assessment	3
Hours Subtotal		**9**
Sample Elective Courses		
Select 3 hours from the following:		3
ENGL 5120	Studies in Teaching English as a Second Language	
ENGL 5123	Approaches to Language Acquisition	
ENGL 5143	Descriptive Linguistics	
Hours Subtotal		**3**
Total Hours		**12**

Other Requirements

- Minimum of 12 credit hours, with three required courses and one elective course chosen from a group of courses offered by the English Department.
- No more than 9 hours of coursework taken as a non-degree seeking student.

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Tribal Health Care Administration, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total hours: 12

Code	Title	Hours
Required Courses		
HCA 5333	American Indian & Alaska Natives Healthcare	3
HCA 5343	American Indian and Alaska Natives Health Care Policy	3
HCA 5353	Tribal Sovereignty	3
Select one of the following:		3
HCA 5363	American Indian and Alaska Native Leadership and Ethics	
HCA 5373	Administrative Dimensions of American Indian and Alaska Natives Health	
HCA 5383	Tribal Health Cultural Dimensions	
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Workforce and Adult Education, GCRT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 12

Code	Title	Hours
Required Courses		
WAED 5013	Foundations and Characteristics of Adult Learning	3
WAED 5123	Administration & Evaluation of Workforce and Adult Education	3
WAED 5313	Overview of Workforce and Adult Education	3
WAED 5353	Instructional Strategies for Adults	3
Total Hours		**12**

Graduate College Certificate Requirements

Learn more about Graduate College 2026-2027 Graduate Certificate Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Master's Degree Programs

- Accounting Systems: Cyber Audit, MS (p. 3214)
- Accounting Systems: Data Analytics, MS (p. 3215)
- Accounting, MS (p. 3216)
- Accounting: Corporate Finance, MS (p. 3217)
- Accounting: Data Analytics & Systems, MS (p. 3218)
- Accounting: Financial Reporting & Auditing, MS (p. 3219)
- Accounting: Research Methods, MS (p. 3220)
- Accounting: Tax, MS (p. 3221)
- Aging Studies, MS (p. 3222)
- Agricultural Communications, MS (p. 3223)
- Agricultural Economics, MS (p. 3224)
- Agricultural Education and Leadership, MS (p. 3226)
- Animal Science, MS (p. 3227)
- Applied Statistics, MS (p. 3228)
- Art History, MA (p. 3229)
- Artificial Intelligence: Computer Engineering, MS (p. 3230)
- Artificial Intelligence: Computer Science, MS (p. 3232)
- Artificial Intelligence: Health Care Administration, MS (p. 3233)
- Athletic Training, MAT (p. 3234)
- Aviation and Space, MS (p. 3235)
- Biochemistry and Molecular Biology, MS (p. 3236)
- Biomedical Sciences, MS (p. 3237)
- Biosystems Engineering, MS (p. 3240)
- Business Administration, MBA (p. 3241)
- Business Analytics and Data Science, MS (p. 3243)
- Business Analytics and Data Science: Advanced Data Science, MS (p. 3244)
- Business Analytics and Data Science: Cybersecurity Analytics, MS (p. 3245)
- Business Analytics and Data Science: Health Analytics, MS (p. 3246)
- Business Analytics and Data Science: Marketing Analytics, MS (p. 3247)
- Chemical Engineering, MS (p. 3248)
- Chemistry, MS (p. 3249)
- Civil Engineering, MS (p. 3250)
- Communication Sciences and Disorders, MS (p. 3251)
- Comparative Biomedical Sciences, MS (p. 3252)
- Computer Science, MS (p. 3253)
- Counseling Psychology, MS (p. 3254)
- Counseling: Mental Health Counseling, MS (p. 3255)
- Counseling: School Counseling, MS (p. 3257)
- Creative Writing, MFA (p. 3259)
- Data Science: Computer Science, MS (p. 3260)
- Data Science: Engineering, MS (p. 3261)
- Data Science: Mathematics & Statistics, MS (p. 3262)
- Design and Merchandising: Apparel Design and Textile Science, MS (p. 3263)
- Design and Merchandising: Digital Design, MS (p. 3264)
- Design and Merchandising: Interior Design, MS (p. 3265)
- Design and Merchandising: Merchandising, MS (p. 3266)
- Design and Merchandising: Retail Merchandising Leadership, MS (p. 3267)
- Dietetics, MS (p. 3268)
- Economics, MS (p. 3269)
- Educational Leadership Studies: Higher Education Administration, MS (p. 3270)
- Educational Leadership Studies: School Administration, MS (p. 3271)
- Educational Leadership Studies: Student Affairs, MS (p. 3272)
- Educational Leadership Studies: Workforce and Adult Education, MS (p. 3273)
- Educational Psychology: Educational Psychology, MS (p. 3274)
- Educational Psychology: Research, Evaluation, Measurement and Statistics, MS (p. 3275)
- Educational Psychology: School Psychometrics, MS (p. 3276)
- Educational Technology: Educational Technology, MS (p. 3277)
- Educational Technology: School Library Media, MS (p. 3278)
- Electrical Engineering, MEN (p. 3279)
- Electrical Engineering, MS (p. 3280)
- Engineering Management, MS (p. 3281)
- Engineering Technology: Fire Safety and Explosion Protection, MS (p. 3282)
- Engineering Technology: Mechatronics & Robotics, MS (p. 3284)
- English, MA (p. 3286)
- English: Professional Writing, MA (p. 3287)
- English: Teaching English to Speakers of Other Languages, MA (p. 3289)
- Entomology and Plant Pathology: Entomology, MS (p. 3291)
- Entomology and Plant Pathology: Plant Pathology, MS (p. 3292)
- Entrepreneurship, MS (p. 3293)
- Environmental Engineering, MS (p. 3294)
- Environmental Science, MS (p. 3295)
- Environmental Science: Environmental Management Professional Science Masters, PSM (p. 3296)
- Family and Community Services, MS (p. 3297)
- Family and Consumer Sciences Education, MS (p. 3298)
- Family Financial Planning, MS (p. 3299)
- Fire and Emergency Management Administration, MS (p. 3300)
- Food Science, MS (p. 3302)
- Forensic Sciences, MS (p. 3303)
- Forensic Sciences: Arson, Explosives, Firearms and Toolmarks Investigation, MS (p. 3306)
- Forensic Sciences: Forensic Science Administration, MS (p. 3308)
- General Agriculture: Agribusiness, MAG (p. 3309)
- General Agriculture: Agricultural Education and Agricultural Leadership, MAG (p. 3310)
- Geography, MS (p. 3311)
- Geology, MS (p. 3313)
- Global Health, MS (p. 3315)
- Global Studies, MS (p. 3316)
- Graphic Design, MFA (p. 3317)
- Health and Human Performance: Applied Exercise Science, MS (p. 3318)
- Health and Human Performance: Health Promotion, MS (p. 3319)
- Health and Human Performance: Physical Education, MS (p. 3320)

- Health Care Administration, MS (p. 3321)
- History, MA (p. 3322)
- Horticulture, MS (p. 3323)
- Hospitality and Tourism Management, MS (p. 3324)
- Human Development and Family Science: Aging Sciences, MS (p. 3326)
- Human Development and Family Science: Applied Human Services, MS (p. 3327)
- Human Development and Family Science: Developmental and Family Sciences, MS (p. 3328)
- Human Development and Family Science: Early Childhood Education, MS (p. 3329)
- Human Development and Family Science: Marriage and Family Therapy, MS (p. 3330)
- Industrial Engineering and Management, MS (p. 3332)
- Industrial Engineering and Management: Operations Research and Analytics, MS (p. 3333)
- Industrial Engineering and Management: Supply Chain and Logistics, MS (p. 3334)
- Integrative Biology, MS (p. 3335)
- Interdisciplinary Studies, MS (p. 3336)
- International Agriculture, MAG (p. 3337)
- International Agriculture, MS (p. 3338)
- Management Information Systems, MS (p. 3340)
- Management Information Systems: Big Data Analytics, MS (p. 3341)
- Management Information Systems: Cybersecurity, MS (p. 3342)
- Management Information Systems: Health Analytics, MS (p. 3343)
- Mass Communications, MS (p. 3344)
- Materials Science and Engineering, MEN (p. 3346)
- Materials Science and Engineering, MS (p. 3347)
- Mathematics, MS (p. 3350)
- Mechanical and Aerospace Engineering, MEN (p. 3353)
- Mechanical and Aerospace Engineering, MS (p. 3354)
- Mechanical and Aerospace Engineering: Unmanned Aerial Systems, MS (p. 3355)
- Medical Sciences, MS (p. 3356)
- Microbiology, Cell and Molecular Biology, MS (p. 3358)
- Music: Applied Music, MM (p. 3359)
- Music: Conducting, MM (p. 3360)
- Music: Multiple Woodwinds, MM (p. 3361)
- Natural Resource Ecology and Management, MS (p. 3362)
- Natural Resource Ecology and Management: Fisheries and Aquatic Ecology, MS (p. 3363)
- Natural Resource Ecology and Management: Forest Resources, MS (p. 3364)
- Natural Resource Ecology and Management: Rangeland Ecology and Management, MS (p. 3365)
- Natural Resource Ecology and Management: Wildlife Ecology and Management, MS (p. 3366)
- Nutritional Sciences: Dietetics Practice, MS (p. 3367)
- Nutritional Sciences: Dietetics Research, MS (p. 3368)
- Nutritional Sciences: Nutrition, MS (p. 3370)
- Peace, Conflict, and Security Studies, MA (p. 3372)
- Petroleum Engineering, MS (p. 3373)
- Philosophy, MA (p. 3374)
- Physician Assistant Studies, MS (p. 3375)
- Physics, MS (p. 3376)
- Physics: Optics and Photonics, MS (p. 3377)
- Plant and Soil Sciences, MS (p. 3379)
- Plant Biology, MS (p. 3380)
- Politics and Policy Studies, MA (p. 3381)
- Psychology, MS (p. 3382)
- Public Health, MPH (p. 3383)
- Public Health: Rural and Underserved Populations, MPH (p. 3384)
- Quantitative Finance, MS (p. 3386)
- Recreation Management and Recreational Therapy, MS (p. 3387)
- School Psychology, MS (p. 3388)
- Social Foundations of Education, MA (p. 3390)
- Sociology, MS (p. 3392)
- Statistics, MS (p. 3393)
- Teaching, Learning and Leadership: Curriculum and Leadership Studies, MS (p. 3394)
- Teaching, Learning and Leadership: K-12 Education, MS (p. 3395)
- Teaching, Learning and Leadership: Mathematics/Science Education, MS (p. 3397)
- Teaching, Learning and Leadership: Reading and Literacy, MS (p. 3398)
- Teaching, Learning and Leadership: Special Education, MS (p. 3399)

Accounting Systems: Cyber Audit, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Courses		
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
MSIS 5243	Information Technology Forensics and Incident Response	3
MSIS 5253	Advanced System Certification and Accreditation	3
MSIS 5393	Advanced Spreadsheet Modeling	3
MSIS 5683	Advanced Analytics Technologies	3
Hours Subtotal		**18**
Select one of the following:		3
MSIS 5233	Advanced Applied Ethical Hacking	
MSIS 5673	Descriptive Analytics and Visualization	
Select 9 hours of 5000-level ACCT courses		9
Hours Subtotal		**12**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting Systems: Data Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Courses		
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
MSIS 5393	Advanced Spreadsheet Modeling	3
MSIS 5693	Digital Transformation Strategy	3
MSIS 5663	Advanced Data Wrangling	3
MSIS 5303	Prescriptive Analytics	3
Hours Subtotal		**18**
Electives		
Select 9 hours from 5000-level ACCT courses		9
Select one of the following:		3
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5633	Predictive Analytics Technologies	
5000-level MSIS Analytics Course		
Hours Subtotal		**12**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core		
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
ACCT 5003	Advanced Federal Income Taxation	3
Hours Subtotal		**9**
Degree requirements		
ACCT 5213	Financial Reporting II	3
or ACCT 5143	Advanced Topics in Financial Reporting	
ACCT 5223	Financial Reporting III	3
ACCT 5333	Cost Accounting	3
ACCT 5343	Accounting Information Systems and Data Analytics Tools	3
ACCT 5353	Federal Income Taxation	3
ACCT 5453	Ethics for Public Accountants	3
ACCT 5503	Advanced Auditing	3
Hours Subtotal		**21**
Total Hours		**30**

Additional Requirements

- Electives and course substitutions require approval from the MS Coordinator.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting: Corporate Finance, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core		
ACCT 5003	Advanced Federal Income Taxation	3
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
Hours Subtotal		**9**
Option Requirements/Electives		
ACCT 5093	Reimagine: Innovative Accounting and Analytics Mindset [1]	3
MSIS 5393	Advanced Spreadsheet Modeling	3
FIN 5343	Valuation and Financial Modeling	3
FIN 5003	Introduction to Energy Business	3
or FIN 5363	Energy Finance	
FIN 5053	Theory and Practice of Financial Management	3
ACCT 5603	Advanced Accounting-based Information Systems	3
Choose six hours from the following:		6
ACCT 5980	CPA Review	
ACCT 5133	Oil and Gas Accounting	
ACCT 5503	Advanced Auditing	
ACCT 5833	Graduate Internship in Accounting	
EEE 5233	Ideation, Creativity & Innovation	
FIN 5003	Introduction to Energy Business	
FIN 5363	Energy Finance	
MSIS 5253	Advanced System Certification and Accreditation	
MSIS 5303	Prescriptive Analytics	
MSIS 5600	Special Projects in Business Information Systems	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
ACCT 5723	Expanding Accounting Horizons in the US [1]	
ACCT 5763	International Accounting Abroad [1]	
Non-ACCT Travel Course [1]		
Hours Subtotal		**24**
Total Hours		**33**

[1] Only three hours of degree credit are available for travel courses taken as electives.

Additional Requirements

- Other electives require approval from the MS Coordinator.
- Students who have already taken ACCT 5003 for credit as ACCT 4033 or a course equivalent at another institution may substitute an elective for ACCT 5003. The elective must have an ACCT prefix if in the DAS of CF concentration.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting: Data Analytics & Systems, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core		
ACCT 5003	Advanced Federal Income Taxation	3
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
Hours Subtotal		**9**
Option Requirements/Electives		
ACCT 5093	Reimagine: Innovative Accounting and Analytics Mindset [1]	3
MSIS 5393	Advanced Spreadsheet Modeling [2]	3
MSIS 5303	Prescriptive Analytics [2]	3
ACCT 5603	Advanced Accounting-based Information Systems	3
MSIS 5643	Graduate Database Management	3
Select 9 hours from the following		9
ACCT 5980	CPA Review	
ACCT 5133	Oil and Gas Accounting	
ACCT 5143	Advanced Topics in Financial Reporting	
ACCT 5503	Advanced Auditing	
ACCT 5833	Graduate Internship in Accounting [3]	
EEE 5233	Ideation, Creativity & Innovation	
FIN 5003	Introduction to Energy Business [2]	
FIN 5053	Theory and Practice of Financial Management [2]	
FIN 5363	Energy Finance [2]	
FIN 5343	Valuation and Financial Modeling	
MSIS 5253	Advanced System Certification and Accreditation [2]	
MSIS 5600	Special Projects in Business Information Systems	
MSIS 5633	Predictive Analytics Technologies [2]	
MSIS 5673	Descriptive Analytics and Visualization [2]	
Hours Subtotal		**24**
Total Hours		**33**

1. Only three hours of elective credit for travel courses will be applied toward degree credit.
2. Offered online.
3. Internships may be completed in the spring or summer semester. Cannot receive credit at both the undergraduate and graduate levels.

Additional Requirements

- Other electives require approval from the MS Coordinator.
- Students who have already taken ACCT 5003 for credit as ACCT 4033 or a course equivalent at another institution may substitute an elective for ACCT 5003. The elective must have an ACCT prefix if in the DAS of CF concentration.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting: Financial Reporting & Auditing, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 34

Code	Title	Hours
Core		
ACCT 5003	Advanced Federal Income Taxation	3
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
Hours Subtotal		**9**
Option Requirements/Electives		
ACCT 5093	Reimagine: Innovative Accounting and Analytics Mindset [1]	3
MSIS 5393	Advanced Spreadsheet Modeling [2]	3
ACCT 5133	Oil and Gas Accounting	3
ACCT 5503	Advanced Auditing	3
ACCT 5603	Advanced Accounting-based Information Systems	3
ACCT 5980	CPA Review	4
Choose 6 hours from the following:		6
ACCT 5133	Oil and Gas Accounting	
ACCT 5833	Graduate Internship in Accounting	
EEE 5233	Ideation, Creativity & Innovation	
FIN 5003	Introduction to Energy Business	
FIN 5053	Theory and Practice of Financial Management	
FIN 5363	Energy Finance	
FIN 5343	Valuation and Financial Modeling	
MSIS 5253	Advanced System Certification and Accreditation	
MSIS 5303	Prescriptive Analytics	
MSIS 5600	Special Projects in Business Information Systems	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
ACCT 5723	Expanding Accounting Horizons in the US [1]	
ACCT 5763	International Accounting Abroad [1]	
Non-ACCT Travel Course [1]		
Hours Subtotal		**25**
Total Hours		**34**

[1] Only three hours of elective credit for travel courses will be applied toward degree credit.

Additional Requirements

- Other electives require approval from the MS Coordinator.
- Students who have already taken ACCT 5003 for credit as ACCT 4033 or a course equivalent at another institution may substitute an elective for ACCT 5003. The elective must have an ACCT prefix if in the DAS of CF concentration.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting: Research Methods, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core		
Summer		
ACCT 5093	Reimagine: Innovative Accounting and Analytics Mindset [1]	3
MSIS 5393	Advanced Spreadsheet Modeling [2]	3
Fall		
ACCT 5003	Advanced Federal Income Taxation	3
ACCT 5103	Seminar in Contemporary Accounting Theory I	3
ACCT 5113	Financial Accounting Research	3
or ACCT 5013	Tax Research	
Spring		
ACCT 5153	Financial Statement Analysis	3
Hours Subtotal		**18**
Option Requirements/Electives		
Select 3 hours of the following:		3
ACCT 5503	Advanced Auditing	
ACCT 5603	Advanced Accounting-based Information Systems	
ACCT 5043	Taxation of Pass-Through Entities	
ACCT 5053	Corporate Taxation	
STAT 5013	Statistics for Experimenters I	3
Select 6 hours from the following:		6
ECON 5213	Econometric Analysis	
STAT 5023	Statistics for Experimenters II	
STAT 5043	Sample Survey Designs	
STAT 5543	Applied Regression Analysis	
FIN 5223	Investment Theory and Strategy	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
AGEC 5213	Econometric Methods	
STAT 5193	SAS and R Programming	
Select 3 hours from the following:		3
ACCT 5994	CPA Review [1]	
ACCT 5133	Oil and Gas Accounting	
ACCT 5503	Advanced Auditing	
ACCT 5833	Graduate Internship in Accounting	
EEE 5233	Ideation, Creativity & Innovation	
FIN 5003	Introduction to Energy Business	
FIN 5363	Energy Finance	
MSIS 5253	Advanced System Certification and Accreditation	
MSIS 5303	Prescriptive Analytics	
MSIS 5600	Special Projects in Business Information Systems	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
ACCT 5603	Advanced Accounting-based Information Systems	
FIN 5053	Theory and Practice of Financial Management	
FIN 5343	Valuation and Financial Modeling	
Or any of the STAT, ECON, REMS, FIN courses listed as possible selections above.		
Hours Subtotal		**15**
Total Hours		**33**

[1] If ACCT 5994 is taken, total hours for degree increase by one.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Accounting: Tax, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 34

Code	Title	Hours
Core		
ACCT 5003	Advanced Federal Income Taxation	3
ACCT 5113	Financial Accounting Research	3
ACCT 5153	Financial Statement Analysis	3
Hours Subtotal		**9**
Option Requirements/Electives		
ACCT 5093	Reimagine: Innovative Accounting and Analytics Mindset [1]	3
MSIS 5393	Advanced Spreadsheet Modeling	3
ACCT 5013	Tax Research	3
ACCT 5043	Taxation of Pass-Through Entities	3
or ACCT 5053	Corporate Taxation	
ACCT 5563	Special Topics in Taxation	3
ACCT 5980	CPA Review	4
Choose 6 hours from the following:		6
ACCT 5133	Oil and Gas Accounting	
ACCT 5503	Advanced Auditing	
ACCT 5833	Graduate Internship in Accounting	
EEE 5233	Ideation, Creativity & Innovation	
FIN 5003	Introduction to Energy Business	
FIN 5053	Theory and Practice of Financial Management	
FIN 5363	Energy Finance	
FIN 5343	Valuation and Financial Modeling	
MSIS 5253	Advanced System Certification and Accreditation	
MSIS 5303	Prescriptive Analytics	
MSIS 5600	Special Projects in Business Information Systems	
ACCT 5603	Advanced Accounting-based Information Systems	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
ACCT 5723	Expanding Accounting Horizons in the US [1]	
ACCT 5763	International Accounting Abroad [1]	
Non-ACCT Travel Course [1]		
Total Hours		**34**

[1] Only three hours of elective credit for travel courses will be applied toward degree credit.

Additional Requirements

- Other electives require approval from the MS Coordinator.
- Students who have already taken ACCT 5003 for credit as ACCT 4033 or a course equivalent at another institution may substitute an elective for ACCT 5003. The elective must have an ACCT prefix if in the DAS of CF concentration.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Aging Studies, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Capstone Experience Plan

Total Hours: 30

Code	Title	Hours
Block 1: Foundations of Gerontology		
HDFS 5403	Foundations in Integrative Aging Studies	3
HDFS 5413	Aging in Human Development	3
Block 2: The Aging Individual		
Select 3 hours of the following:		3
HDFS 5463	Biological Principles of Aging	
HDFS 5593	Sexuality & Aging	
HDFS 5683	Spirituality and Aging	
HDFS 5723	Socioemotional and Cognitive Well-being Throughout Adulthood	
HDFS 5110	Directed Study in HDFS	
Block 3: Aging in Context		
Select 3 hours of the following:		3
HDFS 5053	Gerontechnology	
HDFS 5313	Creativity and Aging	
HDFS 5493	Aging and Diverse Families	
EDHS 5543	Interdisciplinary Perspectives in Environments in Aging	
HDFS 5110	Directed Study in HDFS	
Block 4: Translational Practice in Gerontology		
Select 3 hours of the following:		3
EDHS 5533	Aging Policy and Advocacy	
EDHS 5633	Applied Research Methods and Evaluation of Aging Programs	
HDFS 5733	Implementation of Community Programs for Older Adults	
HDFS 5110	Directed Study in HDFS	
Block 5: Culminating Experience in Gerontology		
HDFS 5163	Master's Capstone in HDFS	3
Electives		
Choose 12 hours of electives:		12
Electives must be selected from any block and tailored to the student's future goals.		
Total Hours		**30**

Thesis Plan

Total Hours: 33

Code	Title	Hours
Block 1: Foundations of Gerontology		
HDFS 5403	Foundations in Integrative Aging Studies	3
HDFS 5413	Aging in Human Development	3
Block 2: The Aging Individual		
Select 3 hours of the following:		3
HDFS 5463	Biological Principles of Aging	
HDFS 5593	Sexuality & Aging	
HDFS 5683	Spirituality and Aging	
HDFS 5110	Directed Study in HDFS	
Block 3: Aging in Context		
Select 3 hours of the following:		3
HDFS 5053	Gerontechnology	
HDFS 5313	Creativity and Aging	
HDFS 5493	Aging and Diverse Families	
EDHS 5543	Interdisciplinary Perspectives in Environments in Aging	
HDFS 5110	Directed Study in HDFS	
Block 4: Translational Practice in Gerontology		
Select 3 hours of the following:		3
EDHS 5533	Aging Policy and Advocacy	
EDHS 5633	Applied Research Methods and Evaluation of Aging Programs	
HDFS 5733	Implementation of Community Programs for Older Adults	
HDFS 5110	Directed Study in HDFS	
Block 5: Culminating Experience in Gerontology		
HDFS 5000	Master's Thesis	6
Electives		
Choose 12 hours of electives:		12
Electives must be selected from any block and tailored to the student's future goals.		
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Agricultural Communications, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Requirements		
Research and Seminar		
AGCM 5000	Research and Thesis	6
Research Methods		
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	3
Statistics		
AECL 5993	Social Sciences Data Analysis and Interpretation in Agricultural Sciences and Natural Resources	3
or REMS 5953	Statistical Methods in Education	
Other Required Courses		
AGCM 5103	History and Philosophical Foundations of Agricultural Communications	3
AGCM 5203	Theory and Practice in Agricultural Communications	3
AECL 5863	Methods of Technological Change	3
or AECL 6223	Program Evaluation in Agriculture and Extension	
Graduate Orientation		
AECL 5101	Orientation to Graduate Programs in Agricultural Education, Communications and Leadership	1
Hours Subtotal		**22**
Electives		
Select eight hours		8
With committee approval, electives may be chosen from technical agriculture, journalism, education or other areas; or a combination of areas which most effectively achieve the student's educational goals.		
Hours Subtotal		**8**
Total Hours		**30**

Formal Report Option

Total Hours: 32

Code	Title	Hours
Core Requirements		
Research and Seminar		
AGCM 5000	Research and Thesis	2
Research Methods		
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	3
Statistics		
AECL 5993	Social Sciences Data Analysis and Interpretation in Agricultural Sciences and Natural Resources	3
or REMS 5953	Statistical Methods in Education	
Other Required Courses		
AGCM 5103	History and Philosophical Foundations of Agricultural Communications	3
AGCM 5203	Theory and Practice in Agricultural Communications	3
AECL 5863	Methods of Technological Change	3
or AECL 6223	Program Evaluation in Agriculture and Extension	
Graduate Orientation		
AECL 5101	Orientation to Graduate Programs in Agricultural Education, Communications and Leadership	1
Hours Subtotal		**18**
Electives		
Select 14 hours		14
With committee approval, electives may be chosen from technical agriculture, journalism, education or other areas; or a combination of areas which most effectively achieve the student's educational goals.		
Hours Subtotal		**14**
Total Hours		**32**

Other Agricultural Communications Requirements

- Totals must include a minimum of 21 hours of 5000 or higher credit and a maximum of 9 transfer credit hours.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Agricultural Economics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Requirements [1]		
AGEC 5101	Research Methodology	1
AGEC 5103	Mathematical Economics	3
AGEC 5403	Production Economics	3
Choose six hours from the following: [2]		6
AGEC 5113	Applications of Mathematical Programming	
AGEC 5213	Econometric Methods	
STAT 5543	Applied Regression Analysis	
Choose six additional hours in Agricultural Economics at the 5000- or 6000-level (excluding AGEC 5000 and courses defined as mutually exclusive to 4000-level courses) with a minimum of 3 hours in marketing or prices.		6
Hours Subtotal		**19**
Electives [1]		
Select 11 hours of electives		11
Suggested elective courses		
AGEC 5203	Advanced Agricultural Prices	
AGEC 5233	Primary Data Analysis in Economic Research	
AGEC 5503	Economics of Natural and Environmental Resource Policy	
AGEC 5303	Agricultural Market Policy and Organization	
AGEC 5423	Agribusiness Management	
AGEC 5603	Advanced Agricultural Finance	
AGEC 5723	Plan & Pol Devlpmnt	
AGEC 5733	Food Import Demand and Trade Policy	
ACCT 5113	Financial Accounting Research	
AGIN 5313	Global Food Security and Sustainability	
AGIN 5723	Participatory Systems Modeling	
ECON 5033	Macroeconomic Analysis	
ECON 5173	Energy Economics	
ECON 5603	Global Economics	
FIN 5223	Investment Theory and Strategy	
FIN 5763	Derivative Securities and the Management of Financial Price Risk	
IEM 5013	Introduction to Optimization	
SOIL 5213	Precision Agriculture	
Hours Subtotal		**11**
Total Hours		**30**

[1] A total of 21 credit hours at 5000- and 6000-level is required.

[2] These courses are preferred but ECON 6013 and ECON 6213 are allowed as substitutions.

Formal Report Option

Total Hours: 32

Code	Title	Hours
Core Requirements [1]		
AGEC 5101	Research Methodology	1
AGEC 5103	Mathematical Economics	3
AGEC 5403	Production Economics	3
Choose six hours from the following: [2]		6
AGEC 5113	Applications of Mathematical Programming	
AGEC 5213	Econometric Methods	
STAT 5543	Applied Regression Analysis	
Choose six additional hours in Agricultural Economics at the 5000- or 6000-level (excluding AGEC 5000 and courses defined as mutually exclusive to 4000-level courses) with a minimum of 3 hours in marketing or prices.		6
Hours Subtotal		**19**
Electives [1]		
Select 11 hours of electives		11
Suggested elective courses		
AGEC 5203	Advanced Agricultural Prices	
AGEC 5233	Primary Data Analysis in Economic Research	
AGEC 5303	Agricultural Market Policy and Organization	
AGEC 5423	Agribusiness Management	
AGEC 5503	Economics of Natural and Environmental Resource Policy	
AGEC 5603	Advanced Agricultural Finance	
AGEC 5723	Plan & Pol Devlpmnt	
AGEC 5733	Food Import Demand and Trade Policy	
ACCT 5113	Financial Accounting Research	
AGIN 5313	Global Food Security and Sustainability	
AGIN 5713	Participatory Tools and Processes for Community Engagement	
ECON 5033	Macroeconomic Analysis	
ECON 5173	Energy Economics	
ECON 5603	Global Economics	
FIN 5223	Investment Theory and Strategy	
FIN 5763	Derivative Securities and the Management of Financial Price Risk	
IEM 5013	Introduction to Optimization	
SOIL 5213	Precision Agriculture	
Hours Subtotal		**11**
Formal Report		
Two hours		2
Hours Subtotal		**2**
Total Hours		**32**

[1] A total of 21 credit hours at 5000- and 6000-level is required.

[2] These courses are preferred but ECON 6013 and ECON 6213 are allowed as substitutions.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Agricultural Education and Leadership, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Requirements		
Research or Creative Component		
AECL 5000	Master's Thesis/Report in Agricultural Education, Communications and Leadership	6
Research Methods		
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	3
Statistics		
AECL 5993	Social Sciences Data Analysis and Interpretation in Agricultural Sciences and Natural Resources	3
or REMS 5953	Statistical Methods in Education	
Agricultural Education		
Select six hours from the following:		6
AGED 5813	College Teaching of Agriculture and Natural Resources	
AGED 5823	Advanced Methods of Teaching Agriculture	
AECL 5863	Methods of Technological Change	
AGED 6103	History and Philosophical Foundations of Agricultural and Extension Education	
AECL 6223	Program Evaluation in Agriculture and Extension	
AGLE 5303	Foundations of Leadership Theory	
Graduate Orientation		
AECL 5101	Orientation to Graduate Programs in Agricultural Education, Communications and Leadership	1
Hours Subtotal		**19**
Electives		
Select 11 hours		11
Hours Subtotal		**11**
Total Hours		**30**

Formal Report Option

Total Hours: 32

Code	Title	Hours
Core Requirements		
Research or Creative Component		
AECL 5000	Master's Thesis/Report in Agricultural Education, Communications and Leadership	2
Research Methods		
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	3
Statistics		
AECL 5993	Social Sciences Data Analysis and Interpretation in Agricultural Sciences and Natural Resources	3
or REMS 5953	Statistical Methods in Education	
Agricultural Education		
Select 6 hours from the following:		6
AGED 5813	College Teaching of Agriculture and Natural Resources	
AGED 5823	Advanced Methods of Teaching Agriculture	
AECL 5863	Methods of Technological Change	
AGED 6103	History and Philosophical Foundations of Agricultural and Extension Education	
AECL 6223	Program Evaluation in Agriculture and Extension	
AGLE 5303	Foundations of Leadership Theory	
Graduate Orientation		
AECL 5101	Orientation to Graduate Programs in Agricultural Education, Communications and Leadership	1
Hours Subtotal		**15**
Electives		
Select 17 hours		17
Hours Subtotal		**17**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Animal Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
ANSI 5000	Master's Research and Thesis	6
ANSI 5110	Seminar	1
STAT 5013	Statistics for Experimenters I	3
Hours Subtotal		**10**
Select 6 hours of ANSI or FDSC graduate courses (no more than 3 hours of ANSI 5010)		6
Electives		14
Total Hours		**30**

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Required Courses		
ANSI 5110	Seminar	1
STAT 5013	Statistics for Experimenters I	3
ANSI or FDSC Graduate Courses - 12 hours (no more than 3 hours of ANSI 5010 or FDSC 5120).		12
Hours Subtotal		**16**
Elective Graduate Courses - 16 hours		16
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Applied Statistics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Required Coursework		
STAT 5543	Applied Regression Analysis	3
STAT 5063	Statistical Machine Learning with R	3
STAT 5023	Statistics for Experimenters II	3
STAT 5303	Experimental Designs	3
STAT 5253	Mathematical Statistics I	3
STAT 5263	Mathematical Statistics II	3
STAT 5193	SAS and R Programming	3
STAT 5002	Applied Masters Creative Component	2
Hours Subtotal		**23**
Elective Coursework		**9**
STAT 5033	Nonparametric Methods	
STAT 5053	Time Series Analysis	
STAT 5073	Categorical Data Analysis	
Other courses can be used as electives at the discretion of the program committee and the graduate coordinator.		
Hours Subtotal		**9**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Art History, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Graduate-level seminars		
ART 5920	Art History Graduate Seminar	3
Hours Subtotal		**3**
Other Requirements		
ART 5013	Theory and Methods in Art History	3
Select 12 hours in ART related to the student's curricular track or geographic areas.		12
Select 6 hours outside of the art history program but related to the student's area of study and pre-approved by the advisory committee.		6
Hours Subtotal		**21**
Thesis		
ART 5000 (Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.)		6
Hours Subtotal		**6**
Total Hours		**30**

Other Thesis Requirements

- Completed master's thesis and oral defense.
  - Thesis and defense will be supervised and evaluated as to its success or failure by a committee of 3 full-time faculty members with graduate college standing.
  - At least 2 members of the committee must be drawn from the art history faculty, with one of those being the committee chair.

Non-Thesis Option

Total Hours: 36

Code	Title	Hours
Graduate-level seminars		
ART 5920	Art History Graduate Seminar	3
Other Requirements		
ART 5013	Theory and Methods in Art History	3
Select 15 hours in ART related to the student's curricular track or geographic areas, or or those pre-approved by the advisory committee.		15
Select 15 hours outside of the art history program but related to the student's area of study and preapproved by the advisory committee		15
Total Hours		**36**

Other Non-Thesis Requirements

- Submission of qualifying paper (after the completion of 27 hours) judged satisfactory by a committee of 3 full-time faculty members with graduate college standing. The qualifying paper must be between 15-20 pages in length. It may take one of the following forms: 1) A research paper on a focused topic (a traditional seminar paper); or 2) A scholarly catalog essay. The public presentation may take place in the department as part of the art history roundtable series of talks or at an academic conference.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Artificial Intelligence: Computer Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Required Courses		
PHIL 5783	Course PHIL 5783 Not Found	3
Core Courses		
Select at least 9 hours:		9
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
ECEN 5403	Course ECEN 5403 Not Found	
ECEN 5733	Neural Networks	
Hours Subtotal		**12**
Track Required Courses		
ECEN 5743	Deep Learning	3
ECEN 5773	Intelligent Systems	3
Hours Subtotal		**6**
Elective Courses		
Select at least 15 hours (9 hours must be from Electrical and Computer Engineering):		15
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
CS 5793	Artificial Intell II	
CS 5683	Big Data Analytics	
CS 5923	Course CS 5923 Not Found	
CS 5933	Course CS 5933 Not Found	
ECEN 5243	Advanced Mobile Robotics	
ECEN 5283	Computer Vision	
ECEN 5453	Engineering Applications of Artificial Intelligence	
ECEN 5733	Neural Networks	
ECEN 5773	Intelligent Systems	
ECEN 5793	Digital Image Processing	
Up to 9 credit hours can be taken as ECEN 5080 from the following topics		
ECEN 4223	Mobile Robotics	
ECEN 4273	Software Engineering	
ECEN 4293	Applied Numerical Methods for Python for Electrical Engineers	
ECEN 4493	Artificial Intelligence in Engineering	
Additional AI-related elective courses that are approved by the program director		
Hours Subtotal		**15**
Total Hours		**33**

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
PHIL 5783	Course PHIL 5783 Not Found (Ethics of Artificial Intelligence)	3
Core Courses		
Select at least 9 hours:		9
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
ECEN 5403	Course ECEN 5403 Not Found (AI Enabled Systems and Applications)	
ECEN 5733	Neural Networks	
Hours Subtotal		**12**
Track Required Courses		
ECEN 5773	Intelligent Systems	3
ECEN 5743	Deep Learning	3
Hours Subtotal		**6**
Elective Courses		
Select at least 6 hours (3 hours must be from Electrical and Computer Engineering)		6
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
CS 5793	Artificial Intell II	
CS 5683	Big Data Analytics	
CS 5923	Course CS 5923 Not Found (Adversarial Intelligence)	
CS 5933	Course CS 5933 Not Found (Transformer Models for Lanuage)	
ECEN 5243	Advanced Mobile Robotics	
ECEN 5283	Computer Vision	
ECEN 5453	Engineering Applications of Artificial Intelligence	
ECEN 5733	Neural Networks	
ECEN 5773	Intelligent Systems	
ECEN 5793	Digital Image Processing	
Up to 6 credit hours can be taken as ECEN 5080 from the following topics		
ECEN 4223	Mobile Robotics	
ECEN 4273	Software Engineering	
ECEN 4293	Applied Numerical Methods for Python for Electrical Engineers	
ECEN 4493	Artificial Intelligence in Engineering	
Additional AI-related courses that are approved by the program director		
Hours Subtotal		**6**
Thesis		
ECEN 5000	Thesis	6
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Artificial Intelligence: Computer Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Required Courses		
PHIL 5783	Course PHIL 5783 Not Found	3
Core Courses		
Select at least 9 hours:		9
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
ECEN 5733	Neural Networks	
ECEN 5403	Course ECEN 5403 Not Found	
Hours Subtotal		**12**
Track Required Courses		
CS 5513	Numerical Computation	3
CS 5933	Course CS 5933 Not Found	3
Hours Subtotal		**6**
Elective Courses		
Select at least 15 hours (9 hours must be from Computer Science):		15
CS 5683	Big Data Analytics	
CS 5753	Representation Learning	
CS 5773	Computational Neuroscience	
CS 5783	Machine Learning	
CS 5793	Artificial Intell II	
CS 5923	Course CS 5923 Not Found	
ECEN 5283	Computer Vision	
ECEN 5513	Stochastic Systems	
ECEN 5733	Neural Networks	
ECEN 5743	Deep Learning	
ECEN 5773	Intelligent Systems	
Hours Subtotal		**15**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Artificial Intelligence: Health Care Administration, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Required Courses		
PHIL 5783	Course PHIL 5783 Not Found	3
Core Courses		
Select at least 9 hours:		9
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
ECEN 5733	Neural Networks	
ECEN 5403	Course ECEN 5403 Not Found	
Hours Subtotal		**12**
Track Required Courses		
CS 5683	Big Data Analytics	
HCA 5013	Survey of Health Care Administration	
HCA 5063	Health Care Compliance	
HCA 5133	Health Care Informatics	
HCA 5403	Course HCA 5403 Not Found	
Hours Subtotal		**15**
Elective Courses		
Choose one:		
HCA 5263	Patient Safety, Quality Measurement & Improvement	3
or HCA 5993	Clinical Operations Management	
Choose one:		
HCA 5030	Problems and Issues in Global Health	3
or HCA 5103	Introduction to Global Health	
or HCA 5273	Understanding Global Burden of Diseases	
or HCA 5173	Emerging Global Infectious Diseases	
Hours Subtotal		**6**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Athletic Training, MAT

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 59

Code	Title	Hours
Required Courses		
MAT 5103	Emergency Management in Athletic Healthcare	3
MAT 5183	Injury Prevention and Management	3
MAT 5122	Clinical Anatomy for Athletic Training	2
MAT 5223	Therapeutic Modalities	3
MAT 5233	Clinical Evaluation and Diagnosis of the Lower Extremity	3
MAT 5243	Therapeutic Exercise of the Lower Extremity	3
MAT 5202	Athletic Training Practicum I	2
MAT 5315	Clinical Evaluation, Diagnosis, Pathology and Pharmacology of Non-Orthopedic Medical Conditions	5
MAT 5333	Clinical Evaluation and Diagnosis of the Upper Extremity	3
MAT 5343	Therapeutic Exercise of the Upper Extremity	3
MAT 5302	Athletic Training Practicum II	2
MAT 5412	Radiography Evaluation and Assessment	2
MAT 5402	Athletic Training Practicum III	2
MAT 5573	Athletic Healthcare Administration	3
MAT 5553	Research Evaluation and Application	3
MAT 5583	Psychosocial Strategies in Athletic Healthcare	3
MAT 5481	Advanced Athletic Training Techniques	1
MAT 5443	Clinical Diagnosis, Evaluation, and Therapeutic Exercise of the Head and Spine	3
MAT 5502	Athletic Training Practicum IV	2
MAT 5602	Athletic Training Practicum V	2
MAT 5000	Thesis Research & Seminar	6
Total Hours		**59**

Non-Thesis Option

Total Hours: 56

Code	Title	Hours
Required Courses		
MAT 5103	Emergency Management in Athletic Healthcare	3
MAT 5183	Injury Prevention and Management	3
MAT 5122	Clinical Anatomy for Athletic Training	2
MAT 5223	Therapeutic Modalities	3
MAT 5233	Clinical Evaluation and Diagnosis of the Lower Extremity	3
MAT 5243	Therapeutic Exercise of the Lower Extremity	3
MAT 5202	Athletic Training Practicum I	2
MAT 5315	Clinical Evaluation, Diagnosis, Pathology and Pharmacology of Non-Orthopedic Medical Conditions	5
MAT 5333	Clinical Evaluation and Diagnosis of the Upper Extremity	3
MAT 5343	Therapeutic Exercise of the Upper Extremity	3
MAT 5302	Athletic Training Practicum II	2
MAT 5412	Radiography Evaluation and Assessment	2
MAT 5402	Athletic Training Practicum III	2
MAT 5573	Athletic Healthcare Administration	3
MAT 5553	Research Evaluation and Application	3
MAT 5583	Psychosocial Strategies in Athletic Healthcare	3
MAT 5481	Advanced Athletic Training Techniques	1
MAT 5443	Clinical Diagnosis, Evaluation, and Therapeutic Exercise of the Head and Spine	3
MAT 5502	Athletic Training Practicum IV	2
MAT 5602	Athletic Training Practicum V	2
MAT 5000	Thesis Research & Seminar	3
Total Hours		**56**

Additional Master of Athletic Training Requirements

- A minimum of "B" or higher required in all coursework.
- Transfers not allowed in this program.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Aviation and Space, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Students choose 10 courses for a total of 30 credit hours		**30**
AVED 5453	Advanced Aviation Security	
AVED 5563	Aerospace Leadership and Management	
AVED 5663	Issues in the Airline/Aerospace Industry	
AVED 5773	Historical Significance of Aviation	
AVED 5783	History of Human Space Flight	
AVED 5793	Future of Space Flight	
AVED 5823	Space Science	
AVED 5883	Aviation Economics	
AVED 5893	Aerospace Executive Decision Making	
AVED 5953	Labor Relations in Aviation and Aerospace	
AVED 5963	Airport Operations	
AVED 5973	Aerospace Law	
AVED 5993	Ethics in Aviation	
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Biochemistry and Molecular Biology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Coursework		
Required Core Courses		
BIOC 5002	Research Compliance and Biochemistry Graduate Colloquium	2
BIOC 5112	Articulation of Research Logic	2
BIOC 5753	Biochemical Principles	3
BIOC 5853	Molecular and Integrative Metabolism	3
BIOC 5930	Advanced Biochemical Techniques (lab rotations; 2 credit hours)	2
BIOC 6110	Seminar	1
Select 11 additional hours from the following, including BIOC 5120 and at least two 6000-level BIOC courses		11
BIOC 5013	Biotechnology Development and Implementation	
BIOC 5102	Molecular Genetics	
BIOC 5113	Molecular Biology	
BIOC 5120	Biochemistry and Molecular Biology Graduate Research Colloquium [1]	
BIOC 5213	Disease and Metabolism	
BIOC 5313	Cancer Immunology and Immunotherapy	
BIOC 5824	Biochemical Laboratory Methods	
BIOC 5930	Advanced Biochemical Techniques	
BIOC 6733	Functional Genomics	
BIOC 6740	Physical Biochemistry	
BIOC 6753	Epigenetics	
BIOC 6763	Nucleic Acids and Protein Synthesis	
BIOC 6773	Protein Structure and Enzyme Function	
BIOC 6793	Plant Biochemistry	
Other 6000-level BIOC courses		
Other Graduate-level courses approved by the student's Graduate Thesis Advisory Committee		
Hours Subtotal		**24**
Required Research		
BIOC 5000	Research	6
Hours Subtotal		**6**
Additional Requirements		
The student's Graduate Committee must approve the written thesis and an oral exam on the context of the thesis must be passed.		
Total Hours		**30**

[1] To be taken at 1 credit hour each year

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Coursework		
Required Core Courses		
BIOC 5002	Research Compliance and Biochemistry Graduate Colloquium	2
BIOC 5112	Articulation of Research Logic	2
BIOC 5753	Biochemical Principles	3
BIOC 5853	Molecular and Integrative Metabolism	3
BIOC 5930	Advanced Biochemical Techniques (lab rotations; 4 credit hours)	4
BIOC 6110	Seminar	1
Select 15 additional hours from the following, including at least two 6000-level BIOC courses		15
BIOC 5013	Biotechnology Development and Implementation	
BIOC 5102	Molecular Genetics	
BIOC 5113	Molecular Biology	
BIOC 5213	Disease and Metabolism	
BIOC 5313	Cancer Immunology and Immunotherapy	
BIOC 5824	Biochemical Laboratory Methods	
BIOC 6733	Functional Genomics	
BIOC 6740	Physical Biochemistry	
BIOC 6753	Epigenetics	
BIOC 6763	Nucleic Acids and Protein Synthesis	
BIOC 6773	Protein Structure and Enzyme Function	
BIOC 6793	Plant Biochemistry	
Other 6000-level BIOC courses		
Other Graduate-level courses approved by the Graduate Coordinator		
Hours Subtotal		**30**
Required Research		
BIOC 5000	Research	2
Hours Subtotal		**2**
Additional Requirements		
The student's Graduate Committee must approve the written and oral reports, and an oral exam must be passed.		
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Biomedical Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Pathway

Total Hours: 30

Code	Title	Hours
Required Courses		
BIOM 5000	Research & Thesis	6
BIOM 5003	Statistics for Medical Residents	3
BIOM 6662	Research Ethics and Survival Skills for the Biomedical Sciences	2
BIOM 6922	Scientific Communication in Biomedical Sciences	2
BIOM 5641	Cornerstones of Vertebrate Paleontology	
Hours Subtotal		**13**
Optional Electives		
Select 17 hours from the following:		17
BIOM 5010	Special Topics in Biomedical Sciences	
BIOM 5020	Biomedical Sciences Seminar	
BIOM 5116	Clinical Anatomy	
BIOM 5122	Introduction and Survey of Human Structure	
BIOM 5133	Neuroanatomy	
BIOM 5215	Medical Biochemistry	
BIOM 5316	Medical Microbiology and Immunology	
BIOM 5616	Graduate Biomedical Physiology	
BIOM 5621	Introduction to Translational Research	
BIOM 5631	Disease Research in Medicine	
BIOM 5653	Evolutionary Physiology	
BIOM 5663	Graduate Pharmacology	
BIOM 5672	Scientific Outreach Training for Graduate Students	
BIOM 5683	Chronic Inflammation and Cancer Development	
BIOM 5693	Principle Concepts of Cellular and Molecular Immunology	
BIOM 5983	Principles of Neuroscience	
BIOM 5993	Principles of Neuroanatomy	
BIOM 6175	Molcular And Cellular Biology	
BIOM 6183	Cellular and Molecular Biology of Pain	
BIOM 6193	Paleomammalogy	
BIOM 6214	Advanced Topics in Medical Biochemistry	
BIOM 6233	Enzyme Analysis	
BIOM 6243	Human Nutrition	
BIOM 6263	Techniques in Biomedical Sciences	
BIOM 6333	Immunology	
BIOM 6343	Microbial Physiology	
BIOM 6353	Molecular Virology	
BIOM 6363	Immunobiology of Infectious Disease	
BIOM 6413	Graduate General Pathology and Laboratory Medicine	
BIOM 6523	Cardiovascular Physiology and Pharmacology	
BIOM 6543	Environmental Toxicants and the Brain	
BIOM 6583	Neuroinflammation	
BIOM 6613	Environmental Physiology	
BIOM 6643	Neurophysiology	
BIOM 6653	Graduate Seminar In Signal Transduction	
BIOM 6663	Neuroethology	
BIOM 6673	Genomics	
BIOM 6705	Advanced Gross Anatomy	
BIOM 6723	Field Techniques in Vertebrate Paleontology	
BIOM 6733	Human Microbiome in Health and Disease	
BIOM 6743	Foundations in Medical Genetics, Molecular Biology and Development	
BIOM 6752	Foundations in Medical Cell and Tissue Biology	
BIOM 6771	Foundations in Medical Pharmacology	
BIOM 6781	Foundations in Medical Immunology	
BIOM 6793	Foundations in Medical Microbiology	
BIOM 6800	Critical Readings in Biomedical Sciences	
BIOM 6810	Structure and Function of the Human Cardiovascular System	
BIOM 6820	Structure and Function of the Human Gastrointestinal/Hepatic System	
BIOM 6830	Biomedical Perspectives on Human Hematology	
BIOM 6840	Structure and Function of the Human Musculoskeletal System	
BIOM 6843	Vertebrate Osteology	
BIOM 6850	Structure and Function of the Human Renal System	
BIOM 6860	Structure and Function of the Human Reproductive Systems and Reproductive Biology	
BIOM 6870	Structure and Function of the Human Respiratory System	
BIOM 6880	Biomedical Perspectives on Psychiatry	
BIOM 6900	Structure and Function of the Human Endocrine System	
BIOM 6910	Structure and Function of the Human Nervous System	
BIOM 6933	Cornerstones of Graduate Biomedical Sciences	
BIOM 6943	Advanced Vertebrate Paleontology	
BIOM 6952	Paleohistology Techniques	
BIOM 6962	Evolutionary Biomechanics	
BIOM 6972	Role of Nicotinic Acetylcholine Receptors in Neuropsychiatric Disorders	
Hours Subtotal		**17**

Other courses not listed here, but deemed relevant to completion of research, may satisfy electives requirement with permission from student's Graduate Faculty Advisory Committee.

Total Hours	**30**

Non-Thesis Pathway

Total Hours: 32

Code	Title	Hours
Required Courses		
BIOM 5000	Research & Thesis	2
BIOM 5003	Statistics for Medical Residents	3
BIOM 6662	Research Ethics and Survival Skills for the Biomedical Sciences	2
BIOM 6922	Scientific Communication in Biomedical Sciences	2
BIOM 5641	Cornerstones of Vertebrate Paleontology	
Hours Subtotal		**9**
Optional Electives		
Select 23 hours from the following:		23
BIOM 5010	Special Topics in Biomedical Sciences	
BIOM 5020	Biomedical Sciences Seminar	
BIOM 5116	Clinical Anatomy	
BIOM 5122	Introduction and Survey of Human Structure	
BIOM 5133	Neuroanatomy	
BIOM 5215	Medical Biochemistry	
BIOM 5316	Medical Microbiology and Immunology	
BIOM 5616	Graduate Biomedical Physiology	
BIOM 5621	Introduction to Translational Research	
BIOM 5631	Disease Research in Medicine	
BIOM 5653	Evolutionary Physiology	
BIOM 5663	Graduate Pharmacology	
BIOM 5672	Scientific Outreach Training for Graduate Students	
BIOM 5683	Chronic Inflammation and Cancer Development	
BIOM 5693	Principle Concepts of Cellular and Molecular Immunology	
BIOM 5983	Principles of Neuroscience	
BIOM 5993	Principles of Neuroanatomy	
BIOM 6175	Molcular And Cellular Biology	
BIOM 6183	Cellular and Molecular Biology of Pain	
BIOM 6193	Paleomammalogy	
BIOM 6214	Advanced Topics in Medical Biochemistry	
BIOM 6233	Enzyme Analysis	
BIOM 6243	Human Nutrition	
BIOM 6263	Techniques in Biomedical Sciences	
BIOM 6333	Immunology	
BIOM 6343	Microbial Physiology	
BIOM 6353	Molecular Virology	
BIOM 6363	Immunobiology of Infectious Disease	
BIOM 6413	Graduate General Pathology and Laboratory Medicine	
BIOM 6523	Cardiovascular Physiology and Pharmacology	
BIOM 6543	Environmental Toxicants and the Brain	
BIOM 6583	Neuroinflammation	
BIOM 6613	Environmental Physiology	
BIOM 6643	Neurophysiology	
BIOM 6653	Graduate Seminar In Signal Transduction	
BIOM 6663	Neuroethology	
BIOM 6673	Genomics	
BIOM 6705	Advanced Gross Anatomy	
BIOM 6723	Field Techniques in Vertebrate Paleontology	
BIOM 6733	Human Microbiome in Health and Disease	
BIOM 6743	Foundations in Medical Genetics, Molecular Biology and Development	
BIOM 6752	Foundations in Medical Cell and Tissue Biology	
BIOM 6771	Foundations in Medical Pharmacology	
BIOM 6781	Foundations in Medical Immunology	
BIOM 6793	Foundations in Medical Microbiology	
BIOM 6800	Critical Readings in Biomedical Sciences	
BIOM 6810	Structure and Function of the Human Cardiovascular System	
BIOM 6820	Structure and Function of the Human Gastrointestinal/Hepatic System	
BIOM 6830	Biomedical Perspectives on Human Hematology	
BIOM 6840	Structure and Function of the Human Musculoskeletal System	
BIOM 6843	Vertebrate Osteology	
BIOM 6850	Structure and Function of the Human Renal System	
BIOM 6860	Structure and Function of the Human Reproductive Systems and Reproductive Biology	
BIOM 6870	Structure and Function of the Human Respiratory System	
BIOM 6880	Biomedical Perspectives on Psychiatry	
BIOM 6900	Structure and Function of the Human Endocrine System	
BIOM 6910	Structure and Function of the Human Nervous System	
BIOM 6933	Cornerstones of Graduate Biomedical Sciences	
BIOM 6943	Advanced Vertebrate Paleontology	
BIOM 6952	Paleohistology Techniques	
BIOM 6962	Evolutionary Biomechanics	
BIOM 6972	Role of Nicotinic Acetylcholine Receptors in Neuropsychiatric Disorders	
Hours Subtotal		**23**

Other courses not listed here, but deemed relevant to degree completion, may satisfy electives requirement with permission from student's Graduate Faculty Advisory Committee.

Total Hours	**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Biosystems Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Coursework		
BAE 5501	Seminar	1
Select 23 approved hours, based on Plan of Study		23
Hours Subtotal		**24**
Thesis		
BAE 5000	Master's Research and Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Coursework		
BAE 5501	Seminar	1
Select 31 approved hours, based on Plan of Study.		31
Hours Subtotal		**32**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Administration, MBA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 36 [1]

Code	Title	Hours
Degree Core - Required Courses		
MGMT 5113	Individual and Organizational Behavior	3
MGMT 5303	Corporate and Business Strategy	3
ACCT 5183	MBA Financial Reporting	3
ECON 5113	Managerial Economics	3
FIN 5013	Business Finance	3
MKTG 5133	Marketing Management	3
MSIS 5303	Prescriptive Analytics	3
MBA 5100	Professional Development (Professional Development) [2]	1
MBA 5100	Professional Development (Case Consulting) [2]	1
MBA 5100	Professional Development (Practicum/ Internship in Business) [2]	1
MBA 5300	Current Business Topics (Ethics and Corporate Social Responsibility)	1
MBA 5400	Business Practicum (Descriptive Analytics)	1
MBA 5500	Interdisciplinary Inquiry in Business Administration (Project Management)	1
Hours Subtotal		**27**
Electives		
Select 9 hours of 5000-level business courses (not included in the MBA core) from ACCT, BADM, BAN, ECON, EEE, FIN, HTM, LSB, MBA, MGMT, MSIS, and MKTG or other preapproved courses.		9
EEE 5090	Study Abroad In Entrepreneurship	
EEE 5233	Ideation, Creativity & Innovation	
EEE 5123	Entrepreneurship and The Arts	
EEE 5133	Dilemmas and Debates in Entrepreneurship	
EEE 5200	Special Topics in Entrepreneurship	
EEE 5223	Entrepreneurial Marketing	
EEE 5263	Corporate Entrepreneurship	
EEE 5313	Emerging Enterprise Consulting	
EEE 5333	Launching a Business: The First 100 Days	
EEE 5403	Social Entrepreneurship	
EEE 5493	Entrepreneurship and Architecture	
EEE 5503	Designing, Prototyping, and Testing Creative Products	
EEE 5513	Growing Small and Family Ventures	
EEE 5653	Venture Capital	
EEE 5813	The Entrepreneur: Hero or Villain	
EEE 5863	CIE Scholar Practicum	
EEE 5903	Applied Innovation I	
FIN 5053	Theory and Practice of Financial Management	
FIN 5103	Securities Industry Essentials	
FIN 5153	Corporate Financial Strategy	
FIN 5213	International Business Finance	
FIN 5223	Investment Theory and Strategy	
FIN 5243	Innovations in Quantitative Finance	
FIN 5343	Valuation and Financial Modeling	
FIN 5363	Energy Finance	
FIN 5550	Special Topics in Finance	
FIN 5633	Computational Finance	
FIN 5763	Derivative Securities and the Management of Financial Price Risk	
FIN 5813	Portfolio Management	
FIN 5833	Student Managed Investment Fund	
FIN 5883	Quantitative Financial Applications	
HTM 5233	Convention and Special Event Management	
HTM 5263	Applied Revenue Management in Hospitality and Tourism Management	
HTM 5323	Hospitality and Tourism Financial Management	
HTM 5413	Hospitality and Tourism Human Resources Management	
HTM 5423	Hospitality and Tourism Marketing Management	
HTM 5503	Big Data Analytics in Hospitality and Tourism Management	
HTM 5513	Hospitality and Tourism Strategic Management	
HTM 5850	Special Topics in the Hospitality and Tourism Industry	
LSB 5163	Legal Environment of Business	
LSB 5203	Foundations of Issue and Conflict Management	
LSB 5423	Employment Law	
MGMT 5011	Crucial Interactions	
MGMT 5021	Managing Professional Relationships	
MGMT 5033	Management of Sustainable Enterprises	
MGMT 5041	Performance Management	
MGMT 5083	Corporate and Social Responsibility	
MGMT 5093	Management of Nonprofit Organizations	
MGMT 5123	Org Design & Research	
MGMT 5133	Total Rewards	
MGMT 5153	Talent Development	
MGMT 5163	Fundraising for Nonprofit Organizations	
MGMT 5223	Seminar in Human Resource Management	
MGMT 5313	Project Management	
MGMT 5323	Teams in Organizations	
MGMT 5500	Special Projects in Management	
MGMT 5533	Leadership Challenges	
MGMT 5543	Human Resource Analytics	
MGMT 5643	Sport Management	
MGMT 5673	Advanced Sport Management	
MGMT 5713	Negotiation and Third-Party Dispute Resolution	
MGMT 5823	Talent Acquisition	
MGMT 5843	Advanced Strategic Sports Management	

MGMT 5943	Advanced International Sports Management
MSIS 5033	Information Systems Project Management
MSIS 5133	Advanced Web Based Application Development
MSIS 5213	Cybersecurity Systems Management
MSIS 5253	Advanced System Certification and Accreditation
MSIS 5273	Legal and Ethical Issues in Information Technology
MSIS 5313	Supply Chain Analytics
MSIS 5393	Advanced Spreadsheet Modeling
MSIS 5410	Advanced Topics in Information Assurance
MSIS 5623	Information and Network Technology Management
MSIS 5643	Graduate Database Management
MSIS 5653	Advanced Systems Analysis and Design
MSIS 5663	Advanced Data Wrangling
MSIS 5673	Descriptive Analytics and Visualization
MSIS 5683	Advanced Analytics Technologies
MSIS 5713	Scripting Essentials
MSIS 5773	The Upper Layers of Telecommunications Systems
MKTG 5223	Entrepreneurial Marketing
MKTG 5233	Global Competitive Environment
MKTG 5243	Base SAS Programming for Database Marketing
MKTG 5253	Advanced SAS Programming for Marketing Analytics
MKTG 5443	Social Issues in Marketing Environment
MKTG 5500	Current Topics in Marketing Analytics
MKTG 5543	Social Media Strategies
MKTG 5553	International Marketing Strategy
MKTG 5743	Advanced Marketing Analytics
MKTG 5963	Data Mining and Customer Relationship Management Applications
MKTG 5983	Data Base Marketing
Other graduate courses as approved by program director.	
Hours Subtotal	**9**
Total Hours	**36**

[1] Part-time and online working professional students may receive up to 3 hours credit for relevant prior work experience.

[2] This course may be replaced with advanced standing credit for part-time and online working professional students.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Analytics and Data Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 37

Code	Title	Hours
Required Courses		
BAN 5400	Practicum in Business Analytics	2
BAN 5560	Business Analytics Research and Communications (Research and Communications I)	1
BAN 5570	Business Analytics Research and Communications II	1
BAN 5733	Descriptive Business Analytics	3
BAN 5743	Predictive Business Analytics	3
BAN 5753	Advanced Business Analytics	3
MSIS 5503	Statistics for Data Science	3
or STAT 5013	Statistics for Experimenters I	
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5663	Advanced Data Wrangling	3
Hours Subtotal		**22**
Electives		
Select 15 hours from the following or other courses as approved by program director:		15
ACCT 5183	MBA Financial Reporting	
BAN 5511	Web Analytics and Digital Marketing	
BAN 5521	GIS Applications in Marketing Analytics	
BAN 5530	Consulting in Marketing Analytics	
BAN 5541	Using R in Marketing Analytics	
BAN 5551	Optimization Applications in Marketing Analytics	
BAN 5561	Customer Lifetime Value Models in Marketing	
BAN 5563	Strategic Marketing and Business Analytics	
BAN 5763	Advanced Marketing Research Analytics	
BAN 5900	Advanced Practicum in Business Analytics	
ECON 5113	Managerial Economics	
EEE 5863	CIE Scholar Practicum	
FIN 5013	Business Finance	
HCA 5013	Survey of Health Care Administration	
HCA 5133	Health Care Informatics	
MKTG 5133	Marketing Management	
MKTG 5243	Base SAS Programming for Database Marketing	
MKTG 5253	Advanced SAS Programming for Marketing Analytics	
MSIS 5213	Cybersecurity Systems Management	
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5303	Prescriptive Analytics	
MSIS 5663	Advanced Data Wrangling	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
MSIS 5713	Scripting Essentials	
STAT 5013	Statistics for Experimenters I	
STAT 5053	Time Series Analysis	
STAT 5213	Bayesian Analysis	
Hours Subtotal		**15**
Total Hours		**37**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Analytics and Data Science: Advanced Data Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 38 [(1)]

Code	Title	Hours
Required Courses		
BAN 5400	Practicum in Business Analytics [2]	2
BAN 5560	Business Analytics Research and Communications [2]	1
BAN 5570	Business Analytics Research and Communications II [2]	2
BAN 5733	Descriptive Business Analytics	3
BAN 5743	Predictive Business Analytics	3
BAN 5753	Advanced Business Analytics	3
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5503	Statistics for Data Science	3
or STAT 5013	Statistics for Experimenters I	
MSIS 5663	Advanced Data Wrangling	3
Hours Subtotal		**23**
Required Option Core Courses		
MSIS 5633	Predictive Analytics Technologies	3
Hours Subtotal		**3**
Electives		
Required Option Electives		
Select 9 hours from the following or other courses as approved by the program director:		9
BAN 5763	Advanced Marketing Research Analytics	
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5303	Prescriptive Analytics	
MSIS 5413	Advanced Data Science Applications	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
MSIS 5713	Scripting Essentials	
Select 3 hours from the following or other courses as approved by program director:		3
ACCT 5183	MBA Financial Reporting	
BAN 5563	Strategic Marketing and Business Analytics	
BAN 5900	Advanced Practicum in Business Analytics	
CS 5123	Cloud Computing and Distributed Systems	
CS 5433	Big Data Management	
CS 5683	Big Data Analytics	
ECON 5113	Managerial Economics	
EEE 5863	CIE Scholar Practicum	
FIN 5013	Business Finance	
HCA 5013	Survey of Health Care Administration	
HCA 5133	Health Care Informatics	
IEM 5013	Introduction to Optimization	
IEM 5063	Network Optimization	
IEM 5633	Advanced Production and Inventory Control	
IEM 5703	Discrete System Simulation	
MKTG 5133	Marketing Management	
MKTG 5243	Base SAS Programming for Database Marketing	
MKTG 5253	Advanced SAS Programming for Marketing Analytics	
MSIS 5123	Enterprise Resource Planning	
MSIS 5213	Cybersecurity Systems Management	
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5273	Legal and Ethical Issues in Information Technology	
STAT 5053	Time Series Analysis	
STAT 5063	Statistical Machine Learning with R	
STAT 5073	Categorical Data Analysis	
STAT 5213	Bayesian Analysis	
STAT 5223	Statistical Inference	
STAT 5513	Multivariate Analysis	
Hours Subtotal		**12**
Total Hours		**38**

[1] Online students may receive up to 5 hours credit for relevant prior work experience.

[2] This course may be replaced with advanced standing credit for online students.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Analytics and Data Science: Cybersecurity Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 38 [(1)]

Code	Title	Hours
Required Core Courses		
BAN 5400	Practicum in Business Analytics [2]	2
BAN 5560	Business Analytics Research and Communications (Research and Communications I) [2]	1
BAN 5570	Business Analytics Research and Communications II [2]	2
BAN 5733	Descriptive Business Analytics	3
BAN 5743	Predictive Business Analytics	3
BAN 5753	Advanced Business Analytics	3
MSIS 5503	Statistics for Data Science	3
or STAT 5013	Statistics for Experimenters I	
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5663	Advanced Data Wrangling	3
Hours Subtotal		**23**
Required Option Courses		
MSIS 5213	Cybersecurity Systems Management	3
MSIS 5203	Advanced Infrastructure Development	3
Hours Subtotal		**6**
Electives		
Required Option Electives		
Select 6 hours from the following or other courses as approved by the program director:		6
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5253	Advanced System Certification and Accreditation	
MSIS 5273	Legal and Ethical Issues in Information Technology	
MSIS 5713	Scripting Essentials	
Select 3 hours from the following or other courses as approved by program director.		3
ACCT 5183	MBA Financial Reporting	
BAN 5563	Strategic Marketing and Business Analytics	
BAN 5763	Advanced Marketing Research Analytics	
BAN 5900	Advanced Practicum in Business Analytics	
CS 5123	Cloud Computing and Distributed Systems	
CS 5433	Big Data Management	
CS 5683	Big Data Analytics	
ECON 5113	Managerial Economics	
EEE 5863	CIE Scholar Practicum	
FIN 5013	Business Finance	
HCA 5013	Survey of Health Care Administration	
HCA 5133	Health Care Informatics	
IEM 5013	Introduction to Optimization	
IEM 5063	Network Optimization	
IEM 5703	Discrete System Simulation	
IEM 5633	Advanced Production and Inventory Control	
MKTG 5133	Marketing Management	
MKTG 5243	Base SAS Programming for Database Marketing	
MKTG 5253	Advanced SAS Programming for Marketing Analytics	
MSIS 5123	Enterprise Resource Planning	
MSIS 5303	Prescriptive Analytics	
MSIS 5413	Advanced Data Science Applications	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
STAT 5053	Time Series Analysis	
STAT 5063	Statistical Machine Learning with R	
STAT 5073	Categorical Data Analysis	
STAT 5213	Bayesian Analysis	
STAT 5323	Theory of Linear Models I	
STAT 5513	Multivariate Analysis	
Other courses as approved by program director.		
Hours Subtotal		**9**
Total Hours		**38**

[1] Online students may receive up to 5 hours credit for relevant prior work experience.

[2] This course may be replaced with advanced standing credit for online students.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Analytics and Data Science: Health Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 38 [(1)]

Code	Title	Hours
Required Core Courses		
BAN 5400	Practicum in Business Analytics [2]	2
BAN 5560	Business Analytics Research and Communications (Research and Communications I) [2]	1
BAN 5570	Business Analytics Research and Communications II [2]	2
BAN 5733	Descriptive Business Analytics	3
BAN 5743	Predictive Business Analytics	3
BAN 5753	Advanced Business Analytics	3
MSIS 5503	Statistics for Data Science	3
or STAT 5013	Statistics for Experimenters I	
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5663	Advanced Data Wrangling	3
Hours Subtotal		**23**
Required Option Courses		
HCA 5013	Survey of Health Care Administration	3
MSIS 5633	Predictive Analytics Technologies	3
MSIS 5673	Descriptive Analytics and Visualization	3
Hours Subtotal		**9**
Electives		
Required Option Electives		
Select 3 hours from the following or other courses as approved by the program director.		3
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5303	Prescriptive Analytics	
MSIS 5683	Advanced Analytics Technologies	
Select 3 hours from the following or other courses as approved by program director.		3
ACCT 5183	MBA Financial Reporting	
BAN 5563	Strategic Marketing and Business Analytics	
BAN 5763	Advanced Marketing Research Analytics	
BAN 5900	Advanced Practicum in Business Analytics	
CS 5123	Cloud Computing and Distributed Systems	
CS 5433	Big Data Management	
CS 5683	Big Data Analytics	
ECON 5113	Managerial Economics	
EEE 5863	CIE Scholar Practicum	
FIN 5013	Business Finance	
HCA 5133	Health Care Informatics	
IEM 5013	Introduction to Optimization	
IEM 5063	Network Optimization	
IEM 5703	Discrete System Simulation	
IEM 5633	Advanced Production and Inventory Control	
MKTG 5133	Marketing Management	
MKTG 5243	Base SAS Programming for Database Marketing	
MKTG 5253	Advanced SAS Programming for Marketing Analytics	
MSIS 5123	Enterprise Resource Planning	
MSIS 5213	Cybersecurity Systems Management	
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5413	Advanced Data Science Applications	
MSIS 5713	Scripting Essentials	
STAT 5053	Time Series Analysis	
STAT 5063	Statistical Machine Learning with R	
STAT 5073	Categorical Data Analysis	
STAT 5213	Bayesian Analysis	
STAT 5323	Generalized, Linear and Mixed Models	
STAT 5513	Multivariate Analysis	
Other courses as approved by program director.		
Hours Subtotal		**6**
Total Hours		**38**

[1] Online students may receive up to 5 hours credit for relevant prior work experience.

[2] This course may be replaced with advanced standing credit for online students.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Business Analytics and Data Science: Marketing Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 38 [(1)]

Code	Title	Hours
Required Core Courses		
BAN 5400	Practicum in Business Analytics [2]	2
BAN 5560	Business Analytics Research and Communications (Research and Communications I) [2]	1
BAN 5570	Business Analytics Research and Communications II [2]	2
BAN 5733	Descriptive Business Analytics	3
BAN 5743	Predictive Business Analytics	3
BAN 5753	Advanced Business Analytics	3
MSIS 5503	Statistics for Data Science	3
or STAT 5013	Statistics for Experimenters I	
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5663	Advanced Data Wrangling	3
Hours Subtotal		**23**
Required Option Courses		
BAN 5563	Strategic Marketing and Business Analytics	3
BAN 5763	Advanced Marketing Research Analytics	3
Hours Subtotal		**6**
Electives		
Required Option Electives		
Select 6 hours from the following or other courses as approved by the program director:		6
ACCT 5183	MBA Financial Reporting	
ECON 5113	Managerial Economics	
FIN 5013	Business Finance	
MKTG 5133	Marketing Management	
MKTG 5243	Base SAS Programming for Database Marketing	
MKTG 5253	Advanced SAS Programming for Marketing Analytics	
Select 3 hours from the following or other courses as approved by program director:		3
BAN 5900	Advanced Practicum in Business Analytics	
CS 5123	Cloud Computing and Distributed Systems	
CS 5433	Big Data Management	
CS 5683	Big Data Analytics	
EEE 5863	CIE Scholar Practicum	
HCA 5013	Survey of Health Care Administration	
HCA 5133	Health Care Informatics	
IEM 5013	Introduction to Optimization	
IEM 5063	Network Optimization	
IEM 5703	Discrete System Simulation	
IEM 5633	Advanced Production and Inventory Control	
MKTG 5243	Base SAS Programming for Database Marketing	
MSIS 5123	Enterprise Resource Planning	
MSIS 5303	Prescriptive Analytics	
MSIS 5413	Advanced Data Science Applications	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
STAT 5053	Time Series Analysis	
STAT 5063	Statistical Machine Learning with R	
STAT 5073	Categorical Data Analysis	
STAT 5213	Bayesian Analysis	
STAT 5323	Generalized, Linear and Mixed Models	
STAT 5513	Multivariate Analysis	
Other courses as approved by program director.		
Hours Subtotal		**9**
Total Hours		**38**

[1] Online students may receive up to 5 hours credit for relevant prior work experience.

[2] This course may be replaced with advanced standing credit for online students.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Chemical Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Courses		
CHE 5123	Advanced Chemical Reaction Engineering	3
CHE 5213	Advanced Transport Phenomena	3
CHE 5743	Chemical Engineering Process Modeling	3
CHE 5843	Principles of Chemical Engineering Thermodynamics	3
CHE 5303	Introduction to Science and Engineering Research	3
Seminar		
Three hours from:		3
CHE 6010	Chemical Engineering Seminar	
Hours Subtotal		**18**
Electives		
Graduate-approved elective (CHE or other) courses, selected by the student with the approval of the student's advisory committee.		6
Suggested Elective Courses		
CHE 5073	Tissue Engineering	
CHE 5133	Catalysis and Photocatalysis	
CHE 5283	Advanced Bioprocess Engineering	
CHE 5293	Advanced Biomedical Engineering	
CHE 5323	Electrochemical Engineering	
CHE 5373	Process Simulation	
CHE 5493	Molecular Modeling and Simulation	
CHE 5523	Colloid Processing	
CHE 5603	Membrane Separations	
CHE 5753	Applied Numerical Computing for Scientists and Engineers	
CHE 5773	Computational Fluid-Particle Dynamics	
Hours Subtotal		**6**
Thesis		
CHE 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Chemistry, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Coursework		
CHEM 5001	Introduction to Chemistry Research	1
CHEM 5000	Thesis	6
CHEM 5011	Graduate Seminar	1
CHEM 6010	Research Seminar	4
Hours Subtotal		**12**
Electives		
Select 18 hours from the following. Courses outside this list require Graduate Advisor approval.		18
CHEM 5053	Foundations of Physical Chemistry	
CHEM 5063	Foundations of Organic Chemistry	
CHEM 5073	Foundations of Analytical Chemistry	
CHEM 5263	Foundations of Inorganic Chemistry	
CHEM 5033	Forensic Chemistry	
CHEM 5103	Physical and Chemical Separations	
CHEM 5123	Biomolecular Chemistry and Function	
CHEM 5223	Polymer Chemistry	
CHEM 5283	Solid State Chemistry	
CHEM 5323	Reactions of Organic Compounds	
CHEM 5363	Bioinorganic Chemistry	
CHEM 5373	Spectrometric Identification of Organic Compounds	
CHEM 5433	Computational Chemistry and Molecular Modeling	
CHEM 5963	Advanced Inorganic Chemistry	
CHEM 6103	Electroanalytical Chemistry	
CHEM 6223	Physical Polymer Science	
CHEM 6303	Physical Organic Chemistry	
CHEM 6650	Selected Topics in Chemistry	
Hours Subtotal		**18**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Civil Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
Select 24 hours of approved graduate level coursework in consultation with the CIVE Graduate Coordinator (minimum of 18 hours at the 5000 level or higher)		24
Hours Subtotal		**24**
Research Hours		
CIVE 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Creative Component Option

Total Hours: 32

Code	Title	Hours
Core Courses		
Select 30 hours of approved graduate level coursework in consultation with the CIVE Graduate Coordinator (minimum of 24 hours at the 5000 level or higher)		30
Hours Subtotal		**30**
Research Hours		
CIVE 5080	Engineering Problems	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Communication Sciences and Disorders, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 57

Code	Title	Hours
Courses		
Suggested Plan of Study (sequence may change depending on course availability)		
Fall - 1st Year		
CDIS 5193	Motor Speech Disorders	3
CDIS 5713	Fluency Disorders	3
CDIS 5143	Speech Sound Disorders	3
CDIS 5210	Advanced Practicum	2
Spring - 1st Year		
CDIS 5153	Neurological Communication Disorders	3
CDIS 5163	Dysphagia	3
CDIS 5113	Developmental Language Disorders	3
CDIS 5210	Advanced Practicum	2
Summer - 1st Year		
CDIS 5420	Augmentative/Alternative Communication	3
CDIS 5340	Counseling for Speech-Language Pathologists	3
CDIS 5210	Advanced Practicum	2
Fall - 2nd Year		
CDIS 5013	Evidence-Based Practice	3
CDIS 5183	Traumatic Brain Injury and Dementia	3
CDIS 5330	Voice and Resonance Disorders	3
CDIS 5210	Advanced Practicum	3
Spring - 2nd Year		
CDIS 5243	Disorders of Literacy and Complex Language	3
CDIS 5533	Autism Spectrum Disorder: Assessment & Intervention of Communication Deficits	3
CDIS 5210	Advanced Practicum	3
Hours Subtotal		**51**
Thesis		
CDIS 5000	Masters Research & Thesis	6
Total Hours		**57**

Prerequisite Requirements

- Students with a Bachelor's Degree in a discipline other than communication sciences and disorders must complete 24 semester hours of prerequisite coursework before being admitted to the graduate program. Prerequisite courses include CDIS 2223, CDIS 3313, CDIS 4313, CDIS 3203, CDIS 3123, CDIS 4023, CDIS 4423 and CDIS 3113. Check individual courses for grade requirements.

Non-Thesis Option

Total Hours: 51

Code	Title	Hours
Courses		
Suggested Plan of Study (sequence may change depending on course availability)		
Fall - 1st Year		
CDIS 5193	Motor Speech Disorders	3
CDIS 5713	Fluency Disorders	3
CDIS 5143	Speech Sound Disorders	3
CDIS 5210	Advanced Practicum	2
Spring - 1st Year		
CDIS 5153	Neurological Communication Disorders	3
CDIS 5163	Dysphagia	3
CDIS 5113	Developmental Language Disorders	3
CDIS 5210	Advanced Practicum	2
Summer - 1st Year		
CDIS 5420	Augmentative/Alternative Communication	3
CDIS 5340	Counseling for Speech-Language Pathologists	3
CDIS 5210	Advanced Practicum	2
Fall - 2nd Year		
CDIS 5013	Evidence-Based Practice	3
CDIS 5183	Traumatic Brain Injury and Dementia	3
CDIS 5330	Voice and Resonance Disorders	3
CDIS 5210	Advanced Practicum	3
Spring - 2nd Year		
CDIS 5243	Disorders of Literacy and Complex Language	3
CDIS 5533	Autism Spectrum Disorder: Assessment & Intervention of Communication Deficits	3
CDIS 5210	Advanced Practicum	3
Total Hours		**51**

Prerequisite Requirements

- Students with a Bachelor's Degree in a discipline other than communication sciences and disorders must complete 24 semester hours of prerequisite coursework before being admitted to the graduate program. Prerequisite courses include CDIS 2223, CDIS 3313, CDIS 4313, CDIS 3203, CDIS 3123, CDIS 4023, CDIS 4423, and CDIS 3113. Check individual courses for grade requirements.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Comparative Biomedical Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Required Courses		
CBSC 5013	Comparative Biomedical Sciences I: Cell & Molecular Biology	3
CBSC 5023	Comparative Biomedical Sciences II: Pathophysiology	3
CBSC 5033	Physiological Systems for Biomedical Sciences	3
STAT 5013	Statistics for Experimenters I	3
CBSC 6110	Seminar	2
CBSC 5000	Master's Research and Thesis	6
Hours Subtotal		**20**
Electives		
Select 10 hours of approved electives		10
Hours Subtotal		**10**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Computer Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
CS 5113	Computer Organization and Architecture	3
CS 5413	Data Structures and Algorithm Analysis II	3
CS 5473	Software Engineering	3
CS 5723	Artificial Intelligence I	3
or CS 5783	Machine Learning	
Hours Subtotal		**12**
Elective Courses		
Select 12 hours, 9 of which must be CS:		12
Hours Subtotal		**12**
Thesis		
Select 6 hours:		6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
CS 5113	Computer Organization and Architecture	3
CS 5413	Data Structures and Algorithm Analysis II	3
CS 5473	Software Engineering	3
CS 5723	Artificial Intelligence I	3
or CS 5783	Machine Learning	
Hours Subtotal		**12**
Elective Courses		
Select 21 hours, 15 of which must be CS:		21
Hours Subtotal		**21**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Counseling Psychology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 45

Code	Title	Hours
CPSY 5553	Theories of Counseling	3
CPSY 5563	Conceptualization and Diagnosis in Counseling	3
CPSY 5473	Basic Counseling Skills	3
CPSY 5583	Group Process	3
CPSY 5453	Vocational and Career Information	3
CPSY 5523	Assessment in Counseling	3
CPSY 6053	Ethical and Legal Issues in Professional Psychology	3
CPSY 5593	Counseling Practicum	3
CPSY 5683	Internship In Counseling I	3
CPSY 5693	Internship In Counseling II	3
EPSY 5463	Psychology of Learning	3
EPSY 5103	Human Development in Psychology	3
FDEP 6133	History and Systems of Psychology	3
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
Total Hours		**45**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Counseling: Mental Health Counseling, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis

Total Hours: 66

Code	Title	Hours
Counseling Core		
CPSY 5413	Child and Adolescent Counseling	3
CPSY 5423	Crisis Intervention, Disaster Mental Health, and Trauma Counseling	3
CPSY 5453	Vocational and Career Information	3
CPSY 5473	Basic Counseling Skills [1]	3
CPSY 5493	Professional and Ethical Issues in Counseling [1]	3
CPSY 5503	Multicultural Counseling	3
CPSY 5553	Theories of Counseling [1]	3
CPSY 5563	Conceptualization and Diagnosis in Counseling [1]	3
CPSY 5583	Group Process [1]	3
CPSY 6553	Advanced Practice in Marital and Family Treatment	3
EPSY 5103	Human Development in Psychology	3
Hours Subtotal		**33**
Research		
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**3**
Counseling Practice		
CPSY 5593	Counseling Practicum [2]	3
CPSY 5683	Internship In Counseling I	3
CPSY 5693	Internship In Counseling II	3
Hours Subtotal		**9**
Community Counseling Specialization		
CPSY 5483	Mental Health Counseling	3
CPSY 5523	Assessment in Counseling [3]	3
CPSY 5673	Substance Abuse Counseling	3
Electives		
Select 6 credit hours, to be chosen from a list of courses approved by the state board for licensure). [4]		6
Hours Subtotal		**15**
Thesis		
CPSY 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**66**

1 Prerequisite for CPSY 5593.
2 Prerequisite for CPSY 5683/5693.
3 Prerequisite for either REMS 5373 or EPSY 5783.
4 Ask your advisor

Non-Thesis

Total Hours: 60

Code	Title	Hours
Counseling Core		
CPSY 5413	Child and Adolescent Counseling	3
CPSY 5423	Crisis Intervention, Disaster Mental Health, and Trauma Counseling	3
CPSY 5453	Vocational and Career Information	3
CPSY 5473	Basic Counseling Skills [1]	3
CPSY 5493	Professional and Ethical Issues in Counseling [1]	3
CPSY 5503	Multicultural Counseling	3
CPSY 5553	Theories of Counseling [1]	3
CPSY 5563	Conceptualization and Diagnosis in Counseling [1]	3
CPSY 5583	Group Process [1]	3
CPSY 6553	Advanced Practice in Marital and Family Treatment	3
EPSY 5103	Human Development in Psychology	3
Hours Subtotal		**33**
Research		
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**3**
Counseling Practice		
CPSY 5593	Counseling Practicum [2]	3
CPSY 5683	Internship In Counseling I	3
CPSY 5693	Internship In Counseling II	3
Hours Subtotal		**9**
Community Counseling Specialization		
CPSY 5483	Mental Health Counseling	3
CPSY 5523	Assessment in Counseling [3]	3
CPSY 5673	Substance Abuse Counseling	3
Electives		
Select 6 credit hours, to be chosen from a list of courses approved by the state board for licensure).		6
Hours Subtotal		**15**
Total Hours		**60**

1 Prerequisite for CPSY 5593.
2 Prerequisite for CPSY 5683/5693.
3 Prerequisite for either REMS 5373 or EPSY 5783.

Counseling: Mental Health Counseling Requirements

- Complete a minimum of 60 graduate credit hours of coursework for the Mental Health Counseling Option and the School Counseling Option.
- Nine (9) credit hours may be transferred from other recognized graduate programs. Tulsa students may transfer up to fifteen (15) credit hours from the University of Oklahoma-Tulsa campus if approved by faculty first.

- The last eight (8) hours must be taken at Oklahoma State University and taken for resident credit.
- As least 24 credit hours must be in 5000 level courses or above. (Students who choose to write a master's thesis for 6 credit hours must take at least 22 credit hours of 5000 level courses.) 4000 level courses taken for graduate credit will not be approved by the Oklahoma licensing board for professional counselors.
- A minimum overall grade point average of 3.00 "B" is required in all academic coursework.
- A grade of B or better must be earned in CPSY 5473, 5493, 5553, 5563, 5583, 5593, and 5683/5693. Students who earn a grade below a B in any of these courses will be required to repeat the course or may be suspended from the program. Students will only be allowed to repeat a course one time to earn a higher grade.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Counseling: School Counseling, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 66

Code	Title	Hours
Counseling Core		
CPSY 5423	Crisis Intervention, Disaster Mental Health, and Trauma Counseling	3
CPSY 5453	Vocational and Career Information	3
CPSY 5473	Basic Counseling Skills [1]	3
CPSY 5493	Professional and Ethical Issues in Counseling [1]	3
CPSY 5503	Multicultural Counseling	3
CPSY 5553	Theories of Counseling [1]	3
CPSY 5563	Conceptualization and Diagnosis in Counseling [1]	3
CPSY 5583	Group Process [1]	3
CPSY 5673	Substance Abuse Counseling	3
CPSY 6553	Advanced Practice in Marital and Family Treatment	3
EPSY 5103	Human Development in Psychology	3
Hours Subtotal		**33**
Research		
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**3**
School Counseling Specialization		
CPSY 5513	Comprehensive School Counseling Programs	3
CPSY 5413	Child and Adolescent Counseling	3
CPSY 5523	Assessment in Counseling [3]	3
Hours Subtotal		**9**
Counseling Practice		
CPSY 5593	Counseling Practicum [2]	3
CPSY 5683	Internship In Counseling I	3
CPSY 5693	Internship In Counseling II	3
Select six hours of electives.		6
Thesis		
CPSY 5000	Master's Thesis	6
Hours Subtotal		**21**
Total Hours		**66**

1 Prerequisite for CPSY 5593.
2 Prerequisite for CPSY 5683/5693.
3 Prerequisite for either REMS 5373 or EPSY 5783.
4 *Ask your advisor.

Non-Thesis Option

Total Hours: 60

Code	Title	Hours
Counseling Core		
CPSY 5423	Crisis Intervention, Disaster Mental Health, and Trauma Counseling	3
CPSY 5453	Vocational and Career Information	3
CPSY 5473	Basic Counseling Skills [1]	3
CPSY 5493	Professional and Ethical Issues in Counseling [1]	3
CPSY 5503	Multicultural Counseling	3
CPSY 5553	Theories of Counseling [1]	3
CPSY 5563	Conceptualization and Diagnosis in Counseling [1]	3
CPSY 5583	Group Process [1]	3
CPSY 5673	Substance Abuse Counseling	3
CPSY 6553	Advanced Practice in Marital and Family Treatment	3
EPSY 5103	Human Development in Psychology	3
Hours Subtotal		**33**
Research		
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**3**
School Counseling Specialization		
CPSY 5513	Comprehensive School Counseling Programs	3
CPSY 5413	Child and Adolescent Counseling	3
CPSY 5523	Assessment in Counseling [3]	3
Select six hours of electives.		6
Hours Subtotal		**15**
Counseling Practice		
CPSY 5593	Counseling Practicum [2]	3
CPSY 5683	Internship In Counseling I	3
CPSY 5693	Internship In Counseling II	3
Hours Subtotal		**9**
Total Hours		**60**

1 Prerequisite for CPSY 5593.
2 Prerequisite for CPSY 5683/5693.
3 Prerequisite for either REMS 5373 or EPSY 5783.
4 *Ask your advisor.

Counseling: School Counseling Requirements

- Complete a minimum of 60 graduate credit hours of coursework for the Mental Health Counseling Option and the School Counseling Option.
- Nine (9) credit hours may be transferred from other recognized graduate programs. Tulsa students may transfer up to fifteen (15) credit hours from the University of Oklahoma-Tulsa campus if approved by faculty first.
- The last eight (8) hours must be taken at Oklahoma State University and taken for resident credit.
- As least 24 credit hours must be in 5000 level courses or above. (Students who choose to write a master's thesis for 6 credit hours must take at least 22 credit hours of 5000 level courses.) 4000

level courses taken for graduate credit will not be approved by the Oklahoma licensing board for professional counselors.

- A minimum overall grade point average of 3.00 "B" is required in all academic coursework.
- A grade of B or better must be earned in CPSY 5473, 5493, 5553, 5563, 5583, 5593, and 5683/5693. Students who earn a grade below a B in any of these courses will be required to repeat the course or may be suspended from the program. Students will only be allowed to repeat a course one time to earn a higher grade.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Creative Writing, MFA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 42

Code	Title	Hours
Required Courses		
Craft and Forms		
Select 3 hours from the following:		3
ENGL 5760	Craft and Forms of Prose	
ENGL 5780	Craft and Forms of Poetry	
ENGL 5720	Seminar in Creative Nonfiction	
Graduate-Level Workshops		
Select 12 hours from the following courses:		12
ENGL 5730	Seminar in Fiction Writing	
ENGL 5740	Seminar in Poetry Writing	
ENGL 6130	Studies in Fiction Writing	
ENGL 6140	Studies in Poetry Writing	
ENGL 6160	Studies in Creative Nonfiction	
Graduate-Level Literature		
Select six hours		6
Hours Subtotal		**21**
Electives		
Select nine hours from creative writing, literature, methods course for teaching assistants, or other areas of language and culture		9
Hours Subtotal		**9**
Thesis		
Twelve hours from:		12
ENGL 5000	Master's Thesis [12 hours limited to MFA]	
Hours Subtotal		**12**
Total Hours		**42**

Other Degree Requirements

- **Creative Writing Requirements**: As the defining focus of work toward the MFA degree, creative writing coursework makes up the majority of credit hours, in a combination of ENGL 5730: Seminar in Fiction Writing, ENGL 5740: Seminar in Poetry Writing, ENGL 6130: Studies in Fiction Writing, ENGL 6140: Studies in Poetry Writing, ENGL 6160: Studies in Creative Nonfiction, ENGL 5723: Craft and Forms of Poetry Writing or ENGL 5763: Craft and Forms of Fiction Writing, as well as thesis hours.
- **Literature Coursework Requirement**: MFA students are required to take six hours of literature course work at the 5000- or 6000-level.
- **Electives**: Students choose the remaining hours of coursework in consultation with their advisory committees. Course selection should take into account the student's thesis genre, artistic interests, and academic and professional goals. For instance, students interested in going on to PhD work at Oklahoma State University upon completion of the MFA would normally include courses to assist in preparing them for the first-year exam for PhD students.
- **Required Hours at 5000/6000 Level**: All MFA students must complete their coursework at the 5000/6000 level.
- **Thesis Hours**: Only MFA students may use up to 12 hours of ENGL 5000 on their Plan of Study.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Data Science: Computer Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core Courses		
Select 15 hours from the following:		15
IEM 5083	Data Science and Applications	
CS 5433	Big Data Management	
STAT 5543	Applied Regression Analysis	
STAT 5253	Mathematical Statistics I	
or STAT 5123	Probability Theory	
or IEM 5003	Probability and Statistics for Engineers	
IEM 5653	Data Engineering	
or MATH 5653	Data Engineering	
or STAT 5653	Data Engineering	
Hours Subtotal		**15**
Required Courses		
Select 9 hours from the following:		9
CS 5233	Intro to Database Systems	
CS 5413	Data Structures and Algorithm Analysis II	
STAT 5263	Mathematical Statistics II	
Hours Subtotal		**9**
Elective Courses		
Select at least 9 hours from the following:		9
CS 5030	Professional Practice	
CS 5123	Cloud Computing and Distributed Systems	
CS 5683	Big Data Analytics	
CS 5723	Artificial Intelligence I	
CS 5783	Machine Learning	
STAT 5073	Categorical Data Analysis	
STAT 5053	Time Series Analysis	
STAT 5213	Bayesian Analysis	
STAT 5223	Statistical Inference	
MATH 5503	Introduction to Optimization	
IEM 5683	Advanced Data Analytics in Industrial Engineering	
IEM 5723	Data, Process and Object Modeling	
IEM 5783	Applied Statistical Analysis in R for Engineers	
Hours Subtotal		**9**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Data Science: Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core Courses		
Select 15 hours:		15
IEM 5083	Data Science and Applications	
CS 5433	Big Data Management	
STAT 5543	Applied Regression Analysis	
STAT 5253	Mathematical Statistics I	
or STAT 5123	Probability Theory	
or IEM 5003	Probability and Statistics for Engineers	
IEM 5653	Data Engineering	
or MATH 5653	Data Engineering	
or STAT 5653	Data Engineering	
Hours Subtotal		**15**
Required Courses		
IEM 5683	Advanced Data Analytics in Industrial Engineering	3
IEM 5723	Data, Process and Object Modeling	3
IEM 5783	Applied Statistical Analysis in R for Engineers	3
Hours Subtotal		**9**
Elective Courses		
Select at least 9 hours:		9
IEM 5013	Introduction to Optimization	
IEM 5103	Breakthrough Quality and Reliability	
IEM 5153	Process Design and Integration	
IEM 5703	Discrete System Simulation	
IEM 5693	Decentralized Blockchain Computing for Engineering Applications	
CS 5233	Intro to Database Systems	
CS 5413	Data Structures and Algorithm Analysis II	
MATH 5503	Introduction to Optimization	
STAT 5063	Statistical Machine Learning with R	
STAT 5223	Statistical Inference	
or STAT 5263	Mathematical Statistics II	
Hours Subtotal		**9**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Data Science: Mathematics & Statistics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core Courses		
Select 15 hours:		15
IEM 5083	Data Science and Applications	
CS 5433	Big Data Management	
STAT 5543	Applied Regression Analysis	
STAT 5253	Mathematical Statistics I	
or STAT 5123	Probability Theory	
or IEM 5003	Probability and Statistics for Engineers	
IEM 5653	Data Engineering [1]	
OR		
MATH 5653	Data Engineering [1]	
OR		
STAT 5653	Data Engineering [1]	
Hours Subtotal		**15**
Required Courses		**9**
MATH 5503	Introduction to Optimization	
STAT 5063	Statistical Machine Learning with R	
STAT 5223	Statistical Inference	
or STAT 5263	Mathematical Statistics II	
Hours Subtotal		**9**
Elective Courses		
Select at least 9 hours:		9
MATH 5023	Advanced Linear Algebra	
MATH 5533	Matrix Methods in Machine Learning	
MATH 5553	Numerical Analysis for Linear Algebra	
MATH 5673	Combinatorics	
STAT 5053	Time Series Analysis	
STAT 5073	Categorical Data Analysis	
STAT 5323	Generalized, Linear and Mixed Models	
IEM 5683	Advanced Data Analytics in Industrial Engineering	
IEM 5723	Data, Process and Object Modeling	
IEM 5783	Applied Statistical Analysis in R for Engineers	
CS 5233	Intro to Database Systems	
CS 5413	Data Structures and Algorithm Analysis II	
Hours Subtotal		**9**
Total Hours		**33**

[1] Only three of the 15 hours can be taken from IEM 5653, MATH 5653 and STAT 5653.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Design and Merchandising: Apparel Design and Textile Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Apparel Design - Research Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5013	Research Developments in Design and Merchandising	3
DM 5093	Proposal Writing	3
REMS 5953	Statistical Methods in Education	3
DM 5000	Master's Thesis	6
Hours Subtotal		**18**
Required Content Area		
DM 5533	Theory and Design of Functional Apparel (Hours Subtotal)	3
Hours Subtotal		**3**
Electives		
Select 9 hours from the following:		9
Availability varies - Check with advisor		
DM 5363	Color Theories and Applications for Apparel and Interiors	
DM 5440	Career Internship	
DM 6363	Anthropometry and Ergonomics in DM	
DM 5113	Theories of Creative Process in Design and Merchandising	
Or other courses as pre-approved by the student's MS committee		
Hours Subtotal		**9**
Total Hours		**30**

Textile Science - Research Thesis Option

Total Hours 30

Code	Title	Hours
Core Courses		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5013	Research Developments in Design and Merchandising	3
DM 5093	Proposal Writing	3
REMS 5953	Statistical Methods in Education	3
DM 5000	Master's Thesis	6
Subtotal		**18**
Required Content Area		
DM 5533	Theory and Design of Functional Apparel	3
Subtotal		**3**
Electives		
Select 9 hours from the following:		9
CHEM 5223	Polymer Chemistry	
HHP 5030	Field Problems in Health and Human Performance	
STAT 5023	Statistics for Experimenters II	
MSE 5013	Advanced Thermodynamics of Materials	
MSE 5030	Independent Study in Materials Science and Engineering	
MSE 5043	Advanced Materials Characterization	
MSE 5093	Fundamentals of Materials Science	
Or other courses as pre-approved by the student's MS committee		
Subtotal		**9**
Total Hours		**30**

Apparel Design - Creative Component Option

Total Hours: 30

Code	Title	Hours
Core Courses		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5013	Research Developments in Design and Merchandising	3
DM 5093	Proposal Writing	3
DM 5240	Master's Creative Component	6
Hours Subtotal		**15**
Required Content Area		
DM 5533	Theory and Design of Functional Apparel	3
Hours Subtotal		**3**
Electives		
Select 12 hours from the following:		12
Availability varies - Check with advisor		
DM 5113	Theories of Creative Process in Design and Merchandising	
DM 5363	Color Theories and Applications for Apparel and Interiors	
DM 5440	Career Internship	
DM 6363	Anthropometry and Ergonomics in DM	
REMS 5963	Computer Applications in Nonparametric Data Analyses	
Or other courses as pre-approved by the student's MS committee		
Hours Subtotal		**12**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Design and Merchandising: Digital Design, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Courses		
DM 5001	Orientation to Graduate Studies in Design and Merchandising	1
DHM 5112 or DM 5093	Proposal Writing	2
DM 5013	Research Developments in Design and Merchandising	3
Hours Subtotal		**6**
Non-Core Requirements		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5113	Theories of Creative Process in Design and Merchandising	3
REMS 5953	Statistical Methods in Education	3
DM 5073	Application of Virtual and Augmented Reality	3
DM 5173	Advanced Digital Design Communication	3
Select six hours from the following:		6
DM 5000	Master's Thesis	
OR		
DM 5810	Problems in Design and Merchandising	
AND		
DM 5353	Graduate Interior Design Studio	
Hours Subtotal		**21**
Electives		
Select one course (3 hours) from the following:		3
DM 5373	Topics in Building Information Modeling	
REMS 6003	Analyses of Variance	
Other electives to be determined by advisor.		
Hours Subtotal		**3**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Design and Merchandising: Interior Design, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Research Thesis Option

Total Hours: 30

Code	Title	Hours
DM Core		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5013	Research Developments in Design and Merchandising	3
DM 5093	Proposal Writing	3
REMS 5953	Statistical Methods in Education	3
DM 5000	Master's Thesis	6
Hours Subtotal		**18**
Required Content Area		
DM 5113	Theories of Creative Process in Design and Merchandising	3
Hours Subtotal		**3**
Electives		
Select 9 hours from the following:		9
Availability varies - check with advisor		
DM 5023	User-Centered Methods for Human Factors Research	
DM 5073	Application of Virtual and Augmented Reality	
DM 5083	Advanced Virtual and Augmented Reality for Social Change	
DM 5173	Advanced Digital Design Communication	
DM 5343	Applied Sensation, Perception and Behavioral Psychology in DM	
DM 5353	Graduate Interior Design Studio	
DM 5263	Applications of Artificial Intelligence in Design and Design Research	
DM 5440	Career Internship	
DM 6363	Anthropometry and Ergonomics in DM	
Or other courses as pre-approved by the student's MS committee		
Hours Subtotal		**9**
Total Hours		**30**

Design Thesis Option

Total Hours: 30

Code	Title	Hours
DM Core		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5013	Research Developments in Design and Merchandising	3
DM 5093	Proposal Writing	3
DM 5000	Master's Thesis	6
Hours Subtotal		**15**
Required Content Area		
DM 5113	Theories of Creative Process in Design and Merchandising	3
Hours Subtotal		**3**
Electives		
Select 12 hours from the following:		12
DM 5023	User-Centered Methods for Human Factors Research	
DM 5343	Applied Sensation, Perception and Behavioral Psychology in DM	
DM 4573	Sustainable Design for Apparel and Interiors [1]	
DM 5033	Foundations of Sustainability in Merchandising	
DM 5073	Application of Virtual and Augmented Reality	
DM 5083	Advanced Virtual and Augmented Reality for Social Change	
DM 5173	Advanced Digital Design Communication	
DM 5263	Applications of Artificial Intelligence in Design and Design Research	
DM 5440	Career Internship	
DM 5353	Graduate Interior Design Studio	
DM 5363	Color Theories and Applications for Apparel and Interiors	
DM 5373	Topics in Building Information Modeling	
DM 6363	Anthropometry and Ergonomics in DM	
REMS 5953	Statistical Methods in Education	
Or other courses as pre-approved by the student's MS committee		
Hours Subtotal		**12**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Design and Merchandising: Merchandising, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
DM Core		
DM 5003	Theoretical Perspectives for Design and Merchandising	3
DM 5013	Research Developments in Design and Merchandising	3
DM 5093	Proposal Writing	3
REMS 5953	Statistical Methods in Education	3
DM 5000	Master's Thesis	6
Hours Subtotal		**18**
Required Content Area		
DM 5043	Technology in Apparel Retail and Consumer Experiences	3
DM 5243	Retail Analytics and Insights	3
Hours Subtotal		**6**
Electives		
Choose two courses (6 hours): [1]		6
DM 5440	Career Internship	
Or other courses as pre-approved by the student's MS committee		
Hours Subtotal		**6**
Total Hours		**30**

[1] Availability varies - check with advisor.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Design and Merchandising: Retail Merchandising Leadership, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 36

Code	Title	Hours
Required Courses		
DM 5013	Research Developments in Design and Merchandising	3
DM 5033	Foundations of Sustainability in Merchandising	3
DM 5113	Theories of Creative Process in Design and Merchandising	3
DM 5240	Master's Creative Component	3
DM 5303	Sociological, Psychological and Economic Aspects of Consumer Behavior	3
DM 5623	Professional Advancement in Merchandising	3
DM 5643	Promotional Strategies in Merchandising	3
DM 5663	International Merchandising Management	3
DM 5673	Financial Merchandising Implications	3
DM 5683	Strategic Planning for the Merchandising Executive	3
DM 6403	Merchandising Theory Application and Strategy Implementation	3
REMS 5953	Statistical Methods in Education	3
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Dietetics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Core Requirements		
STAT 5013	Statistics for Experimenters I	3
or NSCI 5603	Statistical Methods in Dietetics	
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
NSCI 5963	Environmental Scanning and Analysis	3
Hours Subtotal		**9**
Elective Courses		
Select 23 hours from the following:		23
NSCI 5013	Financial Management and Cost Controls in Dietetics	
NSCI 5033	Macronutrients in Human Nutrition	
NSCI 5043	Micronutrients in Human Nutrition	
NSCI 5053	Functional Foods for Chronic Disease Prevention	
NSCI 5103	Grant Writing for the Professional	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5203	Nutrition in Wellness	
NSCI 5213	Entrepreneurship in Food Service and Dietetics	
NSCI 5223	Advanced Nutrition Across the Life Span	
NSCI 5240	Contemporary Issues in Nutrition	
NSCI 5313	Dietary and Herbal Supplements	
NSCI 5323	Physical Health, Nutrition, Wellness and Active Aging	
NSCI 5363	Maternal and Child Nutrition	
NSCI 5373	Childhood Nutrition	
NSCI 5443	Precision Nutrition	
NSCI 5543	Obesity Prevention Across the Lifespan	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5613	Nutrition Education and Behavior Change	
NSCI 5643	Advanced Medical Nutrition Therapy	
NSCI 5683	Fundamentals of Leadership in Dietetics	
NSCI 5713	Public Health Nutrition and Food Policy	
NSCI 5753	Health Care Administration	
NSCI 5843	Non-thesis Graduate Capstone	
NSCI 5913	Nutritional Epidemiology	
NSCI 6033	Functional Foods and Phytochemicals	
NSCI 6223	Nutrition in Immunology	
NSCI 6243	Nutrition and Cancer	
NSCI 6643	Clinical Aspects of Nutrition Support	
Hours Subtotal		**23**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Economics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Degree Core		
Required Courses		
ECON 5033	Macroeconomic Analysis	3
ECON 5213	Introduction to Econometrics	3
ECON 6013	Microeconomic Theory I	3
ECON 6213	Econometrics I	3
ECON 6323	Mathematical Economics I	3
Hours Subtotal		**15**
Electives		
Select 15 hours		15
Suggested Electives:		
AGEC 5053	Environmental Economics and Resource Development	
AGEC 5113	Applications of Mathematical Programming	
AGEC 5503	Economics of Natural and Environmental Resource Policy	
AGEC 5723	Plan & Pol Devlpmnt	
ECON 5733	Energy Economics: Traditional and Renewable Energy Markets	
ECON 6033	Macroeconomic Theory I	
STAT 5023	Statistics for Experimenters II	
STAT 5053	Time Series Analysis	
Hours Subtotal		**15**
Other Requirements		
ECON 5003	Research Report	3
Hours Subtotal		**3**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Leadership Studies: Higher Education Administration, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30
(Degree program is online only)

Code	Title	Hours
Required Core		
HESA 5320	Seminar in Student Development	3
HESA 5813	Leadership and Development of Higher Education Organizations	3
Higher Education Administration Core		
HESA 5343	Assessment Techniques for Higher Education and Student Affairs Professionals	3
HESA 5653	Research to Practice in Higher Education and Student Affairs	3
HESA 5983	Administrative Issues in Higher Education and Student Affairs	3
HESA 6233	Critical Issues in Higher Education and Student Affairs	3
Capstone		
HESA 5903	Capstone in Higher Education and Student Affairs	3
Hours Subtotal		**21**
Guided Electives [1]		
Select 9 hours from the following:		9
HESA 5113	Civic Leadership and Community Engagement	
HESA 5173	Introduction to Student Affairs	
HESA 5213	Student Development Theory	
HESA 5223	Career Development for College Students	
HESA 5333	Introduction to Hidden Student Populations	
HESA 5340	Hidden Student Populations	
HESA 5973	Foundations of Higher Education	
HESA 6213	The Diverse College Student, Paradigms and Practice	
HESA 6683	The U.S. Two-Year/Community College	
Hours Subtotal		**9**
Total Hours		**30**

[1] And other courses approved by graduate advisory committee.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Leadership Studies: School Administration, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 36

Code	Title	Hours
Common Core		
EDLE 5813	Leadership Theory and Ethical Decision Making	3
EDLE 5953	Developing Educational Organizations	3
Hours Subtotal		**6**
Emphasis Core		
EDLE 5253	The Principalship	3
EDLE 5323	School Finance	3
EDLE 5473	Supervision of Instruction	3
EDLE 5723	Education Law	3
EDLE 5800	Embedded Field Studies Internship	3
EDLE 5893	Field Studies Intern II	3
Hours Subtotal		**18**
Research and Inquiry		
Select 6 hours from the following:		6
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
SCFD 5913	Introduction to Qualitative Inquiry	
Hours Subtotal		**6**
Option Electives		
Select 6 hours from the following:		6
(Alternate courses may be approved by the student's advisor)		
CIED 5053	Curriculum Issues	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
SCFD 5883	Educational Sociology	
SCFD 5873	Culture, Society and Education	
SCFD 5990	Problems and Issues in Social Foundations	
SPED 5633	Behavior Characteristics of Exceptional Individuals	
SPED 5993	Culturally Responsive Teaching in Special Education	
REMS 5373	Educational Measurements	
EDTC 5103	Advanced Computing Applications in Education	
EDTC 5720	Educ Workshop	
WAED 5013	Foundations and Characteristics of Adult Learning	
WAED 5313	Overview of Workforce and Adult Education	
WAED 5353	Instructional Strategies for Adults	
WAED 5123	Administration & Evaluation of Workforce and Adult Education	
Hours Subtotal		**6**
Required Creative Component: Portfolio		
The Portfolio, designed and completed by Candidates to exhibit competency in the ELCC Standards, serves as the required Creative Component for the MS degree in School Administration; satisfactory completion of the Portfolio is required for degree completion and recommendation for certification.		
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Leadership Studies: Student Affairs, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Degree Core		
HESA 5813	Leadership and Development of Higher Education Organizations	3
HESA 5320	Seminar in Student Development	3
Hours Subtotal		**6**
Required Option Core		
HESA 5173	Introduction to Student Affairs	3
HESA 5213	Student Development Theory	3
HESA 6243	Internship in Higher Education and Student Affairs I	3
HESA 5343	Assessment Techniques for Higher Education and Student Affairs Professionals	3
Hours Subtotal		**12**
Capstone		
HESA 5903	Capstone in Higher Education and Student Affairs	3
Hours Subtotal		**3**
Electives [1]		
Select 9 hours from the following:		9
HESA 5113	Civic Leadership and Community Engagement	
HESA 5223	Career Development for College Students	
HESA 5463	Legal Issues in Student Affairs	
HESA 5653	Research to Practice in Higher Education and Student Affairs	
HESA 5953	Organizational Development for Higher Education	
HESA 5973	Foundations of Higher Education	
HESA 5983	Administrative Issues in Higher Education	
HESA 6163	International Issues in Higher Education	
HESA 6233	Critical Issues in Higher Education and Student Affairs	
HESA 6253	Internship in Higher Education and Student Affairs II	
HESA 6703	Finance in Higher Education	
EPSY 5103	Human Development in Psychology	
EPSY 6533	Human Motivation	
SCFD 6983	Diversity and Equity Issues in Education	
Hours Subtotal		**9**
Total Hours		**30**

[1] And other courses approved by graduate advisory committee.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Leadership Studies: Workforce and Adult Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 36

Code	Title	Hours
Common Core		
EDLE 5813	Leadership Theory and Ethical Decision Making	3
EDLE 5953	Developing Educational Organizations	3
EDLE 5323	School Finance	3
EDLE 5723	Education Law	3
Hours Subtotal		**12**
Emphasis Core		
WAED 5013	Foundations and Characteristics of Adult Learning	3
WAED 5123	Administration & Evaluation of Workforce and Adult Education	3
WAED 5313	Overview of Workforce and Adult Education	3
WAED 5353	Instructional Strategies for Adults	3
EDLE 5800	Embedded Field Studies Internship	3
EDLE 5893	Field Studies Intern II	3
Hours Subtotal		**18**
Research and Inquiry		
Select 6 hours from the following:		6
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
SCFD 5913	Introduction to Qualitative Inquiry	
Hours Subtotal		**6**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Psychology: Educational Psychology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Degree Core		
Select 6 hours from the following:		6
EPSY 5103	Human Development in Psychology	
EPSY 5463	Psychology of Learning	
EPSY 5553	Motivation in Educational Contexts	
Hours Subtotal		**6**
Research and Measurement		
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
Hours Subtotal		**6**
Program Core		
Select 3 hours from EPSY 5103, EPSY 5463, EPSY 5553, whichever was not used as part of Degree Core.		3
Select 15 hours from the following: [1]		15
FDEP 5183	Theories of Social Psychology	
EPSY 5123	Academic Writing in the Learning Sciences	
EPSY 5403	Issues in Adolescent Development	
EPSY 5473	Psychology of Adult Learning	
EPSY 5603	Developmental Issues in Instruction	
EPSY 5663	Creativity for Teachers	
EPSY 5963	Developing Resources to Support Educational Programs	
EPSY 5983	Instructional Effectiveness in Higher Education	
Hours Subtotal		**18**
Thesis		
EPSY 5000	Master's Thesis (6 hours, to be distributed across multiple semesters)	6
Hours Subtotal		**6**
Total Hours		**36**

[1] And other courses pre-approved by graduate advisory committee.

Non-Thesis Option: Creative Component

Total Hours: 36

Code	Title	Hours
Degree Core		
Select 6 hours from the following:		6
EPSY 5103	Human Development in Psychology	
EPSY 5463	Psychology of Learning	
EPSY 5553	Motivation in Educational Contexts	
Hours Subtotal		**6**
Research and Measurement		
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
Hours Subtotal		**6**
Program Core		
Select 3 hours from EPSY 5103, EPSY 5463, EPSY 5553, whichever was not used as part of Degree Core:		3
Select 15 hours from the following: [1]		15
FDEP 5183	Theories of Social Psychology	
EPSY 5403	Issues in Adolescent Development	
EPSY 5473	Psychology of Adult Learning	
EPSY 5603	Developmental Issues in Instruction	
EPSY 5663	Creativity for Teachers	
EPSY 5963	Developing Resources to Support Educational Programs	
EPSY 5983	Instructional Effectiveness in Higher Education	
Hours Subtotal		**18**
Creative Component		
EPSY 5123	Academic Writing in the Learning Sciences	3
Select 3 hours of electives from the emphasis area with the development of a Creative Component. Related elective coursework is determined by the student with committee members (may come from outside the EPSY program).		3
Hours Subtotal		**6**
Total Hours		**36**

[1] And other courses pre-approved by graduate advisory committee.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Psychology: Research, Evaluation, Measurement and Statistics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Inquiry Core		
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
REMS 5373	Educational Measurements	3
REMS 6003	Analyses of Variance	3
REMS 6013	Multiple Regression Analysis in Behavioral Studies	3
REMS 6373	Program Evaluation	3
SCFD 5913	Introduction to Qualitative Inquiry	3
Hours Subtotal		**21**
Educational Psychology Degree Core		
EPSY 5103	Human Development in Psychology	3
EPSY 5463	Psychology of Learning	3
Hours Subtotal		**6**
Inquiry Elective		
Select 3 hours from the following:		3
REMS 5373	Educational Measurements	
REMS 5963	Computer Applications in Nonparametric Data Analyses	
REMS 6033	Factor Analysis in Behavioral Research	
REMS 6663	Applied Multivariate Research in Behavioral Studies	
REMS 6673	Item Response Theory	
REMS 6683	Multilevel Modeling Methods in Education	
REMS 6693	Structural Equation Modeling for Behavioral and Educational Research	
Hours Subtotal		**3**
Comprehensive Exams		
Upon completion of coursework and having an approved dissertation proposal, students must pass a qualifying examination.		
Thesis		
REMS 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**36**

Report Option

Total Hours: 36

Code	Title	Hours
Inquiry Core		
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
REMS 5373	Educational Measurements	3
REMS 6003	Analyses of Variance	3
REMS 6013	Multiple Regression Analysis in Behavioral Studies	3
REMS 6373	Program Evaluation	3
SCFD 5913	Introduction to Qualitative Inquiry	3
Hours Subtotal		**21**
Educational Psychology Degree Core		
EPSY 5103	Human Development in Psychology	3
EPSY 5463	Psychology of Learning	3
Hours Subtotal		**6**
Inquiry Elective		
Select 3 hours from the following:		3
REMS 5373	Educational Measurements	
REMS 5963	Computer Applications in Nonparametric Data Analyses	
REMS 6033	Factor Analysis in Behavioral Research	
REMS 6663	Applied Multivariate Research in Behavioral Studies	
REMS 6673	Item Response Theory	
REMS 6683	Multilevel Modeling Methods in Education	
REMS 6693	Structural Equation Modeling for Behavioral and Educational Research	
Hours Subtotal		**3**
Comprehensive Exams		
Upon completion of coursework and having an approved dissertation proposal, students must pass a qualifying examination.		
Report with Electives		
Select one of the following options:		6
Option 1 - 2 hours of thesis plus 4 hours or related electives		
Option 2 - Development of a Creative Component with Related Elective coursework (elective options are specified within the curriculum requirements for each program).		
Hours Subtotal		**6**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Psychology: School Psychometrics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 37

Code	Title	Hours
Required Courses		
SPSY 5023	Introduction to School Psychology	3
SPSY 5113	Developmental Psychopathology	3
EPSY 5103	Human Development in Psychology	3
REMS 5013	Research Design and Methodology	3
EDHS 5910	Educational and Human Sciences Field Experiences	2
SPSY 5793	Individual Intellectual Assessment of Children and Youth	3
REMS 5953	Statistical Methods in Education	3
SPSY 6313	Advanced Interventions for Increased Academic Achievement	3
SPSY 5803	Advanced Cognitive Assessment and Theory	3
SPSY 5210	Introductory Practicum in School Psychology	2
SPSY 6333	Instructional Assessment and Consultation	3
EPSY 5000	Master's Thesis	6
or other courses as approved by the committee		
Total Hours		**37**

Formal Report Option

Total Hours: 37

Code	Title	Hours
Required Courses		
SPSY 5023	Introduction to School Psychology	3
SPSY 5113	Developmental Psychopathology	3
EPSY 5103	Human Development in Psychology	3
REMS 5013	Research Design and Methodology	3
EDHS 5910	Educational and Human Sciences Field Experiences	2
SPSY 5793	Individual Intellectual Assessment of Children and Youth	3
REMS 5953	Statistical Methods in Education	3
SPSY 6313	Advanced Interventions for Increased Academic Achievement	3
SPSY 5803	Advanced Cognitive Assessment and Theory	3
SPSY 5210	Introductory Practicum in School Psychology	2
SPSY 6333	Instructional Assessment and Consultation	3
EPSY 5000	Master's Thesis	2
or other courses as approved by the committee		
Select 4 hours of electives		4
Formal Report also required		
Total Hours		**37**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Technology: Educational Technology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Common Core		
EDTC 5203	Foundations of Educational Technologies	3
EDTC 5753	Introduction to Instructional Design	3
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**9**
Option - Educational Technology		
Select 21 credit hours from the following suggested courses:		21
EDTC 5000	Master's Report or Thesis	
EDTC 5053	Learning in a Digital Age	
EDTC 5103	Advanced Computing Applications in Education	
EDTC 5113	Digital Media Production for Instruction	
EDTC 5123	Academic Writing in the Learning Sciences	
EDTC 5153	Computer-Based Instruction Development	
EDTC 5303	Digital Games and Simulations in the Classroom	
EDTC 5403	Creativity and Innovation in Educational Technology	
EDTC 5503	Facilitating Online Learning	
EDTC 5703	Advanced Virtual and Augmented Reality for Social Change	
EDTC 5720	Educ Workshop	
EDTC 5773	Instructional Systems Management	
EDTC 5783	Learning and Teaching with Mobile Devices	
EDTC 5793	Design-Based Research	
EDTC 5850	Directed Study	
LBSC 5613	Library Networks and Databases	
EPSY 5463	Psychology of Learning	
EPSY 5473	Psychology of Adult Learning	
REMS 5953	Statistical Methods in Education	
DM 5023	User-Centered Methods for Human Factors Research	
Hours Subtotal		**21**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Educational Technology: School Library Media, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Common Core		
EDTC 5203	Foundations of Educational Technologies	3
EDTC 5753	Introduction to Instructional Design	3
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**9**
Option Area - School Library Media		
EDTC 5103	Advanced Computing Applications in Education	3
EDTC 5763	Introduction to Assistive Technology	3
LBSC 5113	Selection and Organization of Informational and Educational Resources	3
LBSC 5613	Library Networks and Databases	3
LBSC 5823	Administration of School Library Media and Technology Programs	3
CIED 5353	Literature for Children, Adolescents and Adults	3
Hours Subtotal		**18**
Electives		
Select 3 hours from the following courses:		3
EDTC 5113	Digital Media Production for Instruction	
EDTC 5153	Computer-Based Instruction Development	
EDTC 5303	Digital Games and Simulations in the Classroom	
EDTC 5403	Creativity and Innovation in Educational Technology	
EDTC 5503	Facilitating Online Learning	
CIED 5513	Young Adult Literature	
Other (consult your advisor for permission to substitute classes)		
Hours Subtotal		**3**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Electrical Engineering, MEN

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
ECEN Graduate Level Courses		
Select 24 hours of 5000-level or higher courses.		24
	May include up to 9 hours of ECEN 5080 with approval of the student's graduate advisory committee. [1]	
	A maximum of three credit hours of ECEN 5070 may be included on a Plan of Study with approval of the advisory committee.	
	ECEN 5000, ECEN 5030, ECEN 6050, and ENGL 4893 may not be applied to the MEngEE Plan of Study.	
Additional Courses		
May include non-ECEN, math, science, or engineering graduate-level courses with approval of the student's graduate advisory committee.		9
Total Hours		**33**

[1] ECEN 4xxx courses approved for graduate credit completed in the Spring 2020 semester or earlier are equivalent to ECEN 5080 in the Plan of Study.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Electrical Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30[1]

Code	Title	Hours
ECEN Graduate Level Courses		
Students in the MSEE degree program are required to take courses in at least two areas of ECEN at the 5000-level or above.		21
Up to three credit hours of ECEN 5070 and six credit hours of ECEN 5080 may be included on the MSEE Plan of Study with approval of the advisory committee. [1]		
ECEN 5000	Thesis	6
ECEN 5030, ECEN 6050, and ENGL 4893 may not be applied to the MS Plan of Study.		
Additional Courses		
May include non-ECEN, math, science, or engineering graduate-level courses with approval of the student's graduate advisory committee.		3
Total Hours		**30**

[1] ECEN 4xxx courses approved for graduate credit completed in the Spring 2020 semester or earlier are equivalent to ECEN 5070 in the Plan of Study.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Engineering Management, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Degree Core		
EM 5111	Introduction to Strategy, Technology and Integration	1
EM 5133	Capstone to Strategy, Technology and Integration	3
EM 5143	Strategic Decision Analysis for Engineering and Technology Managers	3
EM 5511	Capstone Preparation	1
Hours Subtotal		**8**
Electives		
Select 24 hours from the following:		24
EM 5153	Foundations of Engineering Management	
EM 5163	Business Innovation and Technology	
EM 5183	Introduction to Systems Engineering	
EM 5221	Engineering Teaming	
EM 5241	Strategic Project Management	
EM 5253	Engineering Problem Solving and Decision-Making	
EM 5283	Strategic Planning	
EM 5291	Failure Mode and Effects Analysis in Design	
EM 5341	Leadership Strategies for Technical Professionals	
EM 5351	Planning Technical Projects	
EM 5413	Engineering Economic Analysis	
EM 5943	Lean Sigma Implementation	
IEM 5003	Probability and Statistics for Engineers	
IEM 5083	Data Science and Applications	
IEM 5103	Breakthrough Quality and Reliability	
IEM 5413	Engineering Entrepreneurship	
IEM 5503	Financial and Advanced Capital Investment Analysis	
IEM 5603	Project Management	
IEM 5613	Integrated Manufacturing Control Systems	
IEM 5683	Advanced Data Analytics in Industrial Engineering	
IEM 5693	Decentralized Blockchain Computing for Engineering Applications	
IEM 5703	Discrete System Simulation	
IEM 5743	Information Systems and Technology	
IEM 5763	Supply Chain Strategy	
IEM 5783	Applied Statistical Analysis in R for Engineers	
IEM 5813	Performance Measurement Systems	
MGMT 5113	Individual and Organizational Behavior	
MGMT 5533	Leadership Challenges	
MKTG 5133	Marketing Management	
Hours Subtotal		**24**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Engineering Technology: Fire Safety and Explosion Protection, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Engineering Technology Core Courses		
FSEP 5013	Research Design & Methodology	3
or FEMP 5013	Research Design & Methodology	
or FSEP 5053	Evidence-Based Decision Making	
FSEP 5023	Project Management	3
or IEM 5603	Project Management	
FSEP 5033	Risk Analysis	3
or FEMP 5653	Hazard, Vulnerability, and Risk Analysis	
or FEMP 6413	Seminar Risk Theory and Management	
Fire Safety and Explosion Protection Core Courses		
Select 9 hours from FSEP core courses.		9
Hours Subtotal		**18**
Electives		
Select 3 hours of graduate courses approved by the advisory committee.		3
Select 3 hours from FSEP courses.		3
Hours Subtotal		**6**
Master's Thesis		
FSEP 5000	Master's Thesis	6
Each M.S. candidate must prepare a written thesis and defend it before a thesis committee of at least three faculty members (minimum two from the FPST program). The written document must satisfy the requirements of the Graduate College for format and structure. The thesis defense consists of a twenty-minute oral presentation, followed by questions from the committee.		
Hours Subtotal		**6**
Total Hours		**30**

Code	Title	Hours
FSEP Core Courses		
FSEP 5113	Introduction to Fire Dynamics	3
FSEP 5133	Principles of Industrial and Process Safety	3
FSEP 5143	Performance Based Design for Life Safety in Fire and Other Hazards	3
FSEP 5043	Principles and Impacts of Explosions	3
FSEP Electives		
FSEP 5060	Emerging Topics in Engineering Technology	1-4
FSEP 5123	Advanced Special Hazard Suppression and Detection	3
FSEP 5153	Advanced Exposure Assessment	3
FSEP 5173	Explosion and Fire Impact on Infrastructure	3
FSEP 5213	Advanced Building Design and Analysis	3
FSEP 5383	Fire and Evacuation Modeling	3

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Engineering Technology Core Courses		
FSEP 5013	Research Design & Methodology	3
or FEMP 5013	Research Design & Methodology	
or FSEP 5053	Evidence-Based Decision Making	
FSEP 5023	Project Management	3
or IEM 5603	Project Management	
FSEP 5033	Risk Analysis	3
or FEMP 5653	Hazard, Vulnerability, and Risk Analysis	
or FEMP 6413	Seminar Risk Theory and Management	
Fire Safety and Explosion Protection Core Courses		
Select 9 hours from FSEP core courses.		9
Hours Subtotal		**18**
Electives		
Select one of the two options:		15
Coursework only option		
Select 6 hours of graduate courses approved by the advisory committee.		
Select 9 hours from FSEP courses.		
Creative component option		
Select 6 hours of graduate courses approved by the advisory committee.		
Select 6 hours from FSEP courses		
FSEP 5990	Directed Studies (3 hours)	
The FSEP 5990 course is used for a creative component. A report (a "mini-thesis") must be submitted, prepared in the style of an MS thesis, but not submitted for Graduate College approval.		
Hours Subtotal		**15**
Total Hours		**33**

Code	Title	Hours
FSEP Core Courses		
FSEP 5113	Introduction to Fire Dynamics	3
FSEP 5133	Principles of Industrial and Process Safety	3
FSEP 5143	Performance Based Design for Life Safety in Fire and Other Hazards	3
FSEP 5043	Principles and Impacts of Explosions	3
FSEP Electives		
FSEP 5060	Emerging Topics in Engineering Technology	1-4
FSEP 5123	Advanced Special Hazard Suppression and Detection	3
FSEP 5153	Advanced Exposure Assessment	3
FSEP 5173	Explosion and Fire Impact on Infrastructure	3
FSEP 5213	Advanced Building Design and Analysis	3
FSEP 5383	Fire and Evacuation Modeling	3

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Engineering Technology: Mechatronics & Robotics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses (9 hours)		
MERO 5333	Learning-Based Control for Mechatronics and Robotics	3
FSEP 5013	Research Design & Methodology	3
FSEP 5023	Project Management	3
Hours Subtotal		**9**
Required Courses (9 hours)		
MERO 5113	Mechatronic Systems I	3
MERO 5213	Introduction to Robot Dynamics and Kinematics	3
MERO 5313	Linear Control Systems for Mechatronics	3
Hours Subtotal		**9**
Electives (6 hours)		
Select 6 hours:		6
MERO 5060	Emerging Topics in Mechatronics and Robotics	
MERO 5070	Directed Studies	
MERO 5133	Mechatronic System Hardware and Software Integration	
MERO 5323	Intelligent Control of Mechatronic Systems	
MERO 5413	Robotic Underwater Vehicles	
MERO 5423	Engineering Acoustics	
MERO 5433	Industrial Noise Control	
MERO 5513	Electrohydraulics	
MERO 5523	Electropneumatics	
MERO 5613	Smart Manufacturing for Mechatronics	
MERO 5633	Multiphysics Computational Modeling and Simulation	
MERO 5713	Advanced CAD for Electro-Mechanical Systems	
MERO 5723	Mechanism Design with CAD	
MERO 5733	Advanced Vibration for Electro-Mechanical Systems	
MAE 5433	Robotics, Kinematics, Dynamics and Control	
or ECEN 5433	Robotics Kinematics, Dynamics and Control	
MAE 5483	Advanced Mechatronics Design	
or ECEN 5483	Advanced Mechatronics Design	
ECEN 5233	Embedded Sensor Networks	
ECEN 5283	Computer Vision	
ECEN 5533	Modern Communication Theory	
ECEN 5553	Telecommunications Systems	
EM 5111	Introduction to Strategy, Technology and Integration	
EM 5143	Strategic Decision Analysis for Engineering and Technology Managers	
EM 5153	Foundations of Engineering Management	
EM 5221	Engineering Teaming	
EM 5241	Strategic Project Management	
EM 5291	Failure Mode and Effects Analysis in Design	
EM 5371	Ethics for Practicing Engineers	
EM 5413	Engineering Economic Analysis	
IEM 5143	Reliability and Maintainability	
EM 5461	Intellectual Property Management	
Hours Subtotal		**6**
Thesis		
MERO 5000	Thesis Research	6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
MERO 5333	Learning-Based Control for Mechatronics and Robotics	3
FSEP 5013	Research Design & Methodology	3
FSEP 5023	Project Management	3
Hours Subtotal		**9**
Required Courses		
MERO 5113	Mechatronic Systems I	3
MERO 5213	Introduction to Robot Dynamics and Kinematics	3
MERO 5313	Linear Control Systems for Mechatronics	3
Hours Subtotal		**9**
Electives		
Select 12 hours (minimum 6 hours of MERO courses and 3 hours from EM/IEM courses): [1]		12
MERO 5060	Emerging Topics in Mechatronics and Robotics	
MERO 5133	Mechatronic System Hardware and Software Integration	
MERO 5323	Intelligent Control of Mechatronic Systems	
MERO 5413	Robotic Underwater Vehicles	
MERO 5423	Engineering Acoustics	
MERO 5433	Industrial Noise Control	
MERO 5513	Electrohydraulics	
MERO 5523	Electropneumatics	
MERO 5613	Smart Manufacturing for Mechatronics	
MERO 5633	Multiphysics Computational Modeling and Simulation	
MERO 5713	Advanced CAD for Electro-Mechanical Systems	
MERO 5723	Mechanism Design with CAD	

MERO 5733	Advanced Vibration for Electro-Mechanical Systems	
MAE 5433	Robotics, Kinematics, Dynamics and Control	
or ECEN 5433	Robotics Kinematics, Dynamics and Control	
MAE 5483	Advanced Mechatronics Design	
or ECEN 5483	Advanced Mechatronics Design	
ECEN 5233	Embedded Sensor Networks	
ECEN 5283	Computer Vision	
ECEN 5533	Modern Communication Theory	
ECEN 5553	Telecommunications Systems	
EM 5111	Introduction to Strategy, Technology and Integration	
EM 5143	Strategic Decision Analysis for Engineering and Technology Managers	
EM 5153	Foundations of Engineering Management	
EM 5221	Engineering Teaming	
EM 5241	Strategic Project Management	
EM 5291	Failure Mode and Effects Analysis in Design	
EM 5371	Ethics for Practicing Engineers	
EM 5413	Engineering Economic Analysis	
IEM 5143	Reliability and Maintainability	
EM 5461	Intellectual Property Management	
MERO 5070	Directed Studies [1]	
Hours Subtotal		**12**
Total Hours		**30**

[1] The MERO 5070 course is used for a creative component. A report (a "mini-thesis") must be submitted, prepared in the style of an M.S. thesis, but not submitted for Graduate College approval.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

English, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Required Courses		
ENGL 5013	Introduction to Graduate Studies	3
ENGL 5363	Critical Approaches to Screen Studies: Theory and History	3
Select 18 additional hours of ENGL courses		18
Hours Subtotal		**24**
Thesis		
ENGL 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

English: Professional Writing, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
Professional Writing Core Courses		
ENGL 5593	Seminar in Style and Editing	3
ENGL 5553	Studies in Visual Rhetoric and Design	3
ENGL 5523	Genres in Professional Writing	3
ENGL 5340	Studies in Discourse Analysis	3
Select 6 hours from the following:		6
ENGL 5353	Studies in the History of Rhetoric	
ENGL 5560	Seminar in Professional Writing	
ENGL 6350	Topics in Rhetorical Theory	
ENGL 6500	Topics in Professional Writing	
Hours Subtotal		**18**
Thesis		
ENGL 5000	Master's Thesis	6
Hours Subtotal		**6**
Sample Electives [1]		
Select 6 hours from the following:		6
Professional Writing		
ENGL 5013	Introduction to Graduate Studies	
ENGL 5223	Professional Writing Theory and Pedagogy	
ENGL 5560	Seminar in Professional Writing	
ENGL 6500	Topics in Professional Writing	
Composition		
ENGL 5213	Composition Theory and Pedagogy	
Linguistics		
ENGL 5143	Descriptive Linguistics	
ENGL 5123	Approaches to Language Acquisition	
ENGL 5130	Studies in English Grammar	
ENGL 5140	Seminar in Linguistics	
ENGL 6410	Topics in Linguistics	
TESL		
ENGL 5243	Teaching English as a Second Language	
ENGL 5333	Second Language Assessment	
ENGL 5313	Internship, Teaching English as a Second Language	
ENGL 5120	Studies in Teaching English as a Second Language	
ENGL 6420	Topics in Second Language Acquisition	
Hours Subtotal		**6**
Total Hours		**30**

[1] Courses other than those listed may be taken as electives if approved by the advisory committee.

Non-Thesis Option

Total Hours: 34

Code	Title	Hours
Required Courses		
Professional Writing Core Courses		
ENGL 5593	Seminar in Style and Editing	3
ENGL 5553	Studies in Visual Rhetoric and Design	3
ENGL 5523	Genres in Professional Writing	3
ENGL 5340	Studies in Discourse Analysis	3
Select 6 hours from the following:		6
ENGL 5353	Studies in the History of Rhetoric	
ENGL 5560	Seminar in Professional Writing	
ENGL 6350	Topics in Rhetorical Theory	
ENGL 6500	Topics in Professional Writing	
Hours Subtotal		**18**
Creative Component		
ENGL 5210	Sem or Directed Study	1
ENGL 5520	Internship in Professional Writing	3
Hours Subtotal		**4**
Sample Electives [1]		
Select 12 hours from the following:		12
Professional Writing		
ENGL 5013	Introduction to Graduate Studies	
ENGL 5223	Professional Writing Theory and Pedagogy	
ENGL 5560	Seminar in Professional Writing	
ENGL 6500	Topics in Professional Writing	
Composition		
ENGL 5213	Composition Theory and Pedagogy	
Linguistics		
ENGL 5143	Descriptive Linguistics	
ENGL 5123	Approaches to Language Acquisition	
ENGL 5130	Studies in English Grammar	
ENGL 5140	Seminar in Linguistics	
ENGL 6410	Topics in Linguistics	
TESL		
ENGL 5243	Teaching English as a Second Language	
ENGL 5333	Second Language Assessment	
ENGL 5313	Internship, Teaching English as a Second Language	
ENGL 5120	Studies in Teaching English as a Second Language	
ENGL 6420	Topics in Second Language Acquisition	
Hours Subtotal		**12**
Total Hours		**34**

[1] Courses other than those listed may be taken as electives if approved by the advisory committee.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

English: Teaching English to Speakers of Other Languages, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
TESL Core Courses		
ENGL 5243	Teaching English as a Second Language	3
ENGL 5313	Internship, Teaching English as a Second Language	3
ENGL 5333	Second Language Assessment	3
Linguistics Core Courses		
ENGL 5123	Approaches to Language Acquisition	3
ENGL 5130	Studies in English Grammar	3
ENGL 5143	Descriptive Linguistics	3
Hours Subtotal		**18**
Thesis		
ENGL 5000	Master's Thesis	6
Hours Subtotal		**6**
Sample Electives [1]		
Select 6 hours from the following:		6
Language and Linguistics		
ENGL 4003	History of the English Language	
ENGL 4093	Language in America (DS)	
ENGL 5133	Phonetics and Phonology	
ENGL 5140	Seminar in Linguistics	
ENGL 5153	Syntax	
ENGL 5173	Sociolinguistics	
ENGL 5410	Seminar in British Literature of the 16th Century	
PSYC 6393	Language Development	
Teaching Methodology		
ENGL 5013	Introduction to Graduate Studies	
ENGL 5120	Studies in Teaching English as a Second Language	
ENGL 5213	Composition Theory and Pedagogy	
ENGL 5223	Professional Writing Theory and Pedagogy	
ENGL 6420	Topics in Second Language Acquisition	
EDTC 5103	Advanced Computing Applications in Education	
CIED 5143	Language Arts in the Curriculum	
Cultural Studies		
Hours Subtotal		**6**
Total Hours		**30**

[1] Courses other than those listed may be taken as electives if approved by the advisory committee.

Non-Thesis Option

Total Hours: 34

Code	Title	Hours
Required Courses		
TESL Core Courses		
ENGL 5243	Teaching English as a Second Language	3
ENGL 5313	Internship, Teaching English as a Second Language	3
ENGL 5333	Second Language Assessment	3
Linguistics Core Courses		
ENGL 5123	Approaches to Language Acquisition	3
ENGL 5130	Studies in English Grammar	3
ENGL 5143	Descriptive Linguistics	3
Hours Subtotal		**18**
Creative Component		
ENGL 5210	Sem or Directed Study	1
Hours Subtotal		**1**
Sample Electives [1]		
Select 15 hours of the following:		15
Language and Linguistics		
ENGL 4003	History of the English Language	
ENGL 4093	Language in America (DS)	
ENGL 5133	Phonetics and Phonology	
ENGL 5140	Seminar in Linguistics	
ENGL 5153	Syntax	
ENGL 5173	Sociolinguistics	
ENGL 5410	Seminar in British Literature of the 16th Century	
PSYC 6393	Language Development	
Teaching Methodology		
ENGL 5013	Introduction to Graduate Studies	
ENGL 5120	Studies in Teaching English as a Second Language	
ENGL 5213	Composition Theory and Pedagogy	
ENGL 5223	Professional Writing Theory and Pedagogy	
ENGL 6420	Topics in Second Language Acquisition	
EDTC 5103	Advanced Computing Applications in Education	
CIED 5143	Language Arts in the Curriculum	
Cultural Studies		
Hours Subtotal		**15**
Total Hours		**34**

[1] Courses other than those listed may be taken as electives if approved by the advisory committee.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Entomology and Plant Pathology: Entomology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Requirements		
ENPP 5870	Scientific Presentations (1 credit hour)	1
ENPP 5523	Integrated Management of Insect Pests and Pathogens	3
ENPP 5000	Master's Research and Thesis	6
Exactly 6 graduate credit hours total must be listed on the Plan of Study (more than 6 credit hours completed will appear on final transcripts, not on the Plan of Study).		
Hours Subtotal		**10**
Discipline Requirements		
Entomology		
Core - select at least two courses from the following:		7
ENPP 5464	Insect Biology and Classification	
ENTO 5003	Insect Biochemistry	
ENPP 5044	Insect Morphology and Physiology	
Additional courses to complete the graduate program and Plan of Study (8 credit hours)		8
Hours Subtotal		**15**
Graduate level courses in consultation with graduate committee on plan of study (5 credit hours)		5
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Entomology and Plant Pathology: Plant Pathology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Requirements		
ENPP 5870	Scientific Presentations (1 credit hour)	1
ENPP 5523	Integrated Management of Insect Pests and Pathogens	3
ENPP 5000	Master's Research and Thesis	6
Exactly 6 graduate credit hours total must be listed on the Plan of Study (more than 6 credit hours completed will appear on final transcripts, not on the Plan of Study).		
Hours Subtotal		**10**
Discipline Requirements		
Plant Pathology		
ENPP 5343	Principles of Plant Pathology (Required if student has NOT completed an Introductory PLP course.)	
Core - select at least 2 courses from the following:		7
PLP 5003	Plant Nematology	
ENPP 5014	Plant Virology	
ENPP 5104	Mycology	
ENPP 5304	Phytobacteriology	
Additional courses to complete the graduate program Plan of Study (8 hours)		8
Hours Subtotal		**15**
Graduate level course deemed necessary by the graduate committee. (5 credit hours)		5
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Entrepreneurship, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Degree Core		
Required Courses		
ACCT 5183	MBA Financial Reporting	3
ACCT 5283	MBA Managerial Accounting	3
EEE 5113	Entrepreneurship and Venture Management	3
EEE 5223	Entrepreneurial Marketing	3
EEE 5233	Ideation, Creativity & Innovation	3
EEE 5333	Launching a Business: The First 100 Days	3
EEE 5993	Preparing Effective Business Plans	3
FIN 5013	Business Finance	3
MGMT 5113	Individual and Organizational Behavior	3
Hours Subtotal		**27**
Electives		
Select six hours from the following: [1, 2]		6
EEE 5133	Dilemmas and Debates in Entrepreneurship	
EEE 5200	Special Topics in Entrepreneurship	
EEE 5263	Corporate Entrepreneurship	
EEE 5313	Emerging Enterprise Consulting	
EEE 5403	Social Entrepreneurship	
EEE 5513	Growing Small and Family Ventures	
EEE 5610	Advanced Entrepreneurship Practicum	
EEE 5653	Venture Capital	
Hours Subtotal		**6**
Total Hours		**33**

1 Appropriate substitutes, such as other upper-division Spears School of Business courses or upper-division courses from other colleges, can be made on a case-by-case basis.

2 Involvement in an eligible study abroad program or the Riata Internship may fulfill a portion of the elective requirements.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Environmental Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Coursework		
Twenty-four hours of approved graduate-level coursework		24
CIVE 5000	Master's Thesis (As approved by the student's graduate committee)	6
Total Hours		**30**

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Required Coursework		
Thirty hours of approved graduate-level coursework		30
CIVE 5080	Engineering Problems (As approved by the student's graduate committee)	2
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Environmental Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Requirements		
ENVR 5303	Issues in Environmental Sustainability	3
ENVR 5123	Environmental Problem Analysis	3
Select an approved 3-hour Natural or Physical Science course.		3
Select an approved 3-hour skills course.		3
Select 12 approved hours to complete degree requirements.		12
Hours Subtotal		**24**
Research Requirement		
Select 6 hours of Thesis		6
Hours Subtotal		
Total Hours		**30**

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Requirements		
ENVR 5303	Issues in Environmental Sustainability	3
ENVR 5123	Environmental Problem Analysis	3
Select an approved 3-hour Natural or Physical Science course.		3
Select an approved 3-hour skills course.		3
Select 18 approved hours to complete degree requirements.		18
Hours Subtotal		**30**
Research Requirement		
Select 2 credit hours of Thesis		2
Hours Subtotal		
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Environmental Science: Environmental Management Professional Science Masters, PSM

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Required Core Curriculum (9 hours)		
ENVR 5123	Environmental Problem Analysis	3
ENVR 5303	Issues in Environmental Sustainability	3
ENVR 5510	Environmental Management Internship	3
Electives (24 hours)		
Select 24 hours of natural or physical science graduate coursework:		24
Examples of Elective Courses (or those pre-approved by advisory committee):		
ENVR 5033	GIS Applications for Water Resources	
ENVR 5313	Clean Air Act: Regulation, Compliance and Reporting	
ENVR 5403	Water Resource Management, Law, and Policy	
ENVR 5443	Hazardous Waste Regulations for Environmental Managers	
ENVR 5523	Industrial Ecology	
ENVR 5543	Environmental Management Systems	
ENVR 5573	Applied Standards for Environmental Managers	
ENVR 5583	Safety Aspects for Environmental Managers	
ENVR 5593	Hazardous Waste Operations and Emergency Response: HAZWOPER	
ENVR 5613	Introduction to Environmental Toxicology & Industrial Hygiene	
ENVR 5633	Physical Geology for Environmental Managers	
ENVR 5673	Applied Hydrology & Hydrogeology for Environmental Managers	
ENVR 5703	Chemical Aspects of Environmental Science I	
ENVR 5713	Chemical Aspects of Environmental Science II	
ENVR 5723	Field Investigation for Environmental Managers	
ENVR 5733	Environmental Site Assessment	
ENVR 5743	Environmental Impact Assessment	
ENVR 5753	Environmental Site Remediation	
ENVR 5823	Watershed Management	
ENVR 5853	Field Stream Assessment	
Total Hours		**33**

Learn more about Graduate College 2026-2027 Professional Science Master's Degree Program (MPSM Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Family and Community Services, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Courses		
HDFS 5173	Program Design, Implementation, and Evaluation in Human Development and Family Science	3
HDFS 5213	Lifespan Development	3
HDFS 5223	Resilience in Individuals and Families	3
HDFS 5443	Interpersonal Relationships	3
HDFS 5553	Perspectives on Parenting and Parent Education	3
HDFS 5713	Individual and Family Resource Management	3
HDFS 5753	Leadership and Management of Community Service Programs	3
HDFS 5913	Foundations and Principles of Family and Community Services	3
Outside Electives		
Select 3 hours with advisor approval (students work with their advisor to choose at least one elective appropriate to their career goals)		3
Creative Component		
HDFS 5163	Master's Capstone in HDFS	3
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Family and Consumer Sciences Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Degree Core		
Required Courses		
HDFS 5803	Critical Science Issues in Family and Consumer Sciences Education	3
HDFS 5823	History and Philosophy of Family and Consumer Sciences Education	3
HDFS 5873	Technology in Family and Consumer Sciences Programs	3
HDFS 5943	Development of Instructional Materials for Family and Consumer Sciences Programs	3
HDFS 5953	Research Experience in Family and Consumer Sciences	3
HDFS 5963	Evaluation and Assessment in Family and Consumer Sciences Programs	3
Choose One Specialization Course (3 Credit Hours)		
Select 3 hours from the following:		3
HDFS 5973	Administration of Family and Consumer Sciences Education Programs	
HDFS 5983	Techniques of Supervision in Family and Consumer Sciences Programs	
HDFS 5993	Special Topics in Family and Consumer Sciences Education: 4-H and FCCLA	
Choose Two Electives (6 Credit Hours)		
Select 6 hours from the following:		6
HDFS 5110	Directed Study in HDFS	
HDFS 5703	History and Philosophy of Family and Consumer Sciences in Cooperative Extension	
HDFS 5763	Adult Learners in Family and Consumer Sciences Programs	
HDFS 5833	Occupational Programs in Family and Consumer Sciences	
HDFS 5843	Reading in the Content Areas of Family and Consumer Sciences Education	
HDFS 5853	Adolescent Learners in Family and Consumer Sciences Programs	
HDFS 5863	Exceptional Learners in Family and Consumer Sciences Programs	
HDFS 5883	Family and Consumer Sciences in a Pluralistic Society: Foundations and Issues	
HDFS 5893	Addressing Family Issues and Public Policy Through Family and Consumer Sciences Education	
HDFS 5903	Instructional Methods in Family and Consumer Sciences	
Non-Thesis Project Requirement (3 Credit Hours)		
HDFS 5160	Master's Creative Component	3
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Family Financial Planning, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Degree Core		
Required Courses		
FFP 5243	Master's Capstone (Master's Creative Component)	3
FFP 5303	Fundamentals of Family Financial Planning	3
FFP 5353	Financial Counseling for Family Financial Planning	3
FFP 5403	Estate Planning for Families	3
FFP 5453	Retirement Planning, Employee Benefits and the Family	3
FFP 5553	Insurance Planning for Families	3
FFP 5603	Investing for the Family's Future	3
FFP 5653	Personal Income Tax for Family Financial Planning	3
FFP 5803	Case Studies in Family Financial Planning	3
Hours Subtotal		**27**
Electives		
Select three hours from the following:		3
FFP 5333	Theories and Research in Family Financial Planning I	
FFP 5483	Military Family Financial Issues	
FFP 5663	Survey of Digital Investment Assets	
FFP 5703	Professional Practices in Family Financial Planning	
EDHS 5110	Directed Studies in Education and Human Sciences	
FFP 5110	Directed Studies in Family Financial Planning	
Hours Subtotal		**3**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Fire and Emergency Management Administration, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
FEMP 5133	Fundamentals of Fire Administration	3
FEMP 5143	Fundamentals of Emergency Management	3
Hours Subtotal		**6**
Methods/Research		
FEMP 5013	Research Design & Methodology	3
or FSEP 5013	Research Design & Methodology	
FEMP 5023	Quantitative Methods for Fire and Emergency Management I	3
or FEMP 6013	Qualitative Methods for Fire and Emergency Management	
Hours Subtotal		**6**
Administration		
FEMP 5413	Budgeting for Fire and Emergency Management	3
or FEMP 5423	Workforce Management for Fire and Emergency Management	
Hours Subtotal		**3**
Options		
Select 6 hours from one of the following options:		6
Emergency Management Option		
FEMP 5213	Disaster Response	
FEMP 5223	Preparedness and Planning	
FEMP 5233	Disaster Recovery	
FEMP 5243	Mitigation	
FEMP 5820	Special Topics Seminar in Emergency Management	
FEMP 6820	Advanced Special Topics Seminar in Emergency Management	
Fire Administration Option		
FEMP 5313	Political and Community Relations for Fire and Emergency Management Administration	
FEMP 5323	Leadership and Management for Fire and Emergency Management	
FEMP 5333	Incident Command	
FEMP 6413	Seminar Risk Theory and Management	
FEMP 5830	Special Topics Seminar in Fire Administration	
FEMP 6810	Advanced Special Topics Seminar in Fire Administration	
Hours Subtotal		**6**
Electives		
Select 2 or more of these courses or any of the courses listed in this curriculum not already taken:		6
FEMP 5613	Complex Emergencies	
FEMP 5623	Emergency Management in the International Setting	
FEMP 5633	Emergency Management and Public Policy in the United States	
FEMP 5643	Politics of Disaster	
FEMP 5810	Special Topics Seminar in Fire and Emergency Management	
FEMP 6023	Quantitative Methods for Fire and Emergency Management II	
FEMP 6103	Proseminar in Fire and Emergency Management	
FEMP 6303	Populations at Risk	
FEMP 6313	Comparative and International Dimensions of Emergency Management	
FEMP 6323	Organizational Behavior in Disasters	
FEMP 6840	Directed Readings in Fire and Emergency Management	
POLS 5673	Understanding and Responding to Terrorism	
Hours Subtotal		**6**
Thesis		
FEMP 5000	Thesis	6
Hours Subtotal		**6**
Total Hours		**33**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
FEMP 5133	Fundamentals of Fire Administration	3
FEMP 5143	Fundamentals of Emergency Management	3
Hours Subtotal		**6**
Administration		
FEMP 5413	Budgeting for Fire and Emergency Management	3
or FEMP 5423	Workforce Management for Fire and Emergency Management	
Hours Subtotal		**3**
Options		
Select 6 hours from one of the following options:		6
Emergency Management Option		
FEMP 5213	Disaster Response	
FEMP 5223	Preparedness and Planning	
FEMP 5233	Disaster Recovery	
FEMP 5243	Mitigation	
FEMP 5820	Special Topics Seminar in Emergency Management	
FEMP 6820	Advanced Special Topics Seminar in Emergency Management	
Fire Administration Option		

FEMP 5313	Political and Community Relations for Fire and Emergency Management Administration	
FEMP 5323	Leadership and Management for Fire and Emergency Management	
FEMP 5333	Incident Command	
FEMP 6413	Seminar Risk Theory and Management	
FEMP 5830	Special Topics Seminar in Fire Administration	
FEMP 6810	Advanced Special Topics Seminar in Fire Administration	
Hours Subtotal		**6**
Electives		
Select one of the two options:		18
Coursework only option:		
FEMP 5053	Evidence-Based Decision Making for FCEM	
Select 15 hours FEMP courses not previously taken or other graduate courses approved by the advisory committee.		
Creative Component Option		
FEMP 5053	Evidence-Based Decision Making for FCEM	
FEMP 5903	Applied Project in Fire and Emergency Management Administration	
Select 12 hours of FEMP courses not previously taken or other graduate courses approved by the advisory committee.		
List of FEMP Electives		
FEMP 5613	Complex Emergencies	
FEMP 5623	Emergency Management in the International Setting	
FEMP 5633	Emergency Management and Public Policy in the United States	
FEMP 5643	Politics of Disaster	
FEMP 5810	Special Topics Seminar in Fire and Emergency Management	
FEMP 6023	Quantitative Methods for Fire and Emergency Management II	
FEMP 6103	Proseminar in Fire and Emergency Management	
FEMP 6303	Populations at Risk	
FEMP 6313	Comparative and International Dimensions of Emergency Management	
FEMP 6323	Organizational Behavior in Disasters	
FEMP 6840	Directed Readings in Fire and Emergency Management	
POLS 5673	Understanding and Responding to Terrorism	
Hours Subtotal		**18**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Food Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Degree Core		
FDSC 4153	Advanced Food Microbiology	3
FDSC 4763	Analysis of Food Products	3
FDSC 5000	Master's Research and Thesis	6
FDSC 5300	Food Science Seminar	1
FDSC 5373	Advanced Food Chemistry	3
STAT 5013	Statistics for Experimenters I	3
Hours Subtotal		**19**
Electives		
Select 11 hours from the following:		11
FDSC 4123	Principles of Food Engineering	
FDSC 4243	Researching Consumer Food Preferences	
FDSC 4253	Pre-Harvest Food Safety	
FDSC 4333	Processed Meat	
FDSC 5102	Ethics and Professionalism in Animal and Food Science	
FDSC 5113	Internal Audit and Advanced HACCP	
FDSC 5120	Special Topics in Food Science	
FDSC 5143	Food Safety Modernization Act	
FDSC 5213	Advances in Meat Science	
FDSC 5233	Food Safety Audit Schemes	
FDSC 5333	Carcass Value Estimation Systems	
FDSC 5393	Issues in Food Science	
FDSC 5553	Interpreting Animal and Food Science Research	
Hours Subtotal		**11**
Total Hours		**30**

Formal Report Option

Total Hours: 32

Code	Title	Hours
Degree Core		
FDSC 4153	Advanced Food Microbiology	3
FDSC 4763	Analysis of Food Products	3
FDSC 5000	Master's Research and Thesis	2
FDSC 5300	Food Science Seminar (offered for fixed credit, 1 credit hour, maximum of 3 credit hours)	3
FDSC 5373	Advanced Food Chemistry	3
STAT 5013	Statistics for Experimenters I	3
Hours Subtotal		**17**
Electives		
Select 15 hours from the following:		15
FDSC 4123	Principles of Food Engineering	
FDSC 4243	Researching Consumer Food Preferences	
FDSC 4253	Pre-Harvest Food Safety	
FDSC 4333	Processed Meat	
FDSC 5102	Ethics and Professionalism in Animal and Food Science	
FDSC 5113	Internal Audit and Advanced HACCP	
FDSC 5120	Special Topics in Food Science	
FDSC 5143	Food Safety Modernization Act	
FDSC 5213	Advances in Meat Science	
FDSC 5233	Food Safety Audit Schemes	
FDSC 5333	Carcass Value Estimation Systems	
FDSC 5393	Issues in Food Science	
FDSC 5553	Interpreting Animal and Food Science Research	
Hours Subtotal		**15**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis

Total Hours: 30

Code	Title	Hours
Required Courses		
FRNS 5000	Thesis Research & Seminar	6
FRNS 5013	Survey of Forensic Sciences	3
or FRNS 5613	Criminalistics and Evidence Analysis	
FRNS 5063	Ethical Research and Scientific Writing	3
FRNS 5653	The Law and Expert Evidence	3
FRNS 5963	Forensic Statistics	3
Hours Subtotal		**18**
Electives		
Select 12 hours from the following:		12
FRNS 5073	Quality Assurance in Forensic Science	
FRNS 5083	Ethics in Forensic Leadership	
FRNS 5090	Internship in Forensic Sciences (Maximum of 3 hours can apply to this degree)	
FRNS 5103	The Chemistry of Pyrotechnics	
FRNS 5113	Essential Science for Explosive Operators	
FRNS 5123	Fire Dynamics in Forensic Investigations	
FRNS 5143	Methods in Fire and Explosion Investigation NFPA 921/1033	
FRNS 5153	Explosives Research, Testing and Evaluation Methods	
FRNS 5183	Computer Fire Modeling	
FRNS 5213	Molecular Biology for the Forensic Scientist	
FRNS 5243	Population Genetics for the Forensic Scientist	
FRNS 5253	Forensic Casework Training	
FRNS 5263	Forensic Casework Experience	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5293	Violence in Forensic Settings	
FRNS 5333	Forensic Chemistry	
FRNS 5343	Forensic Investigation of Clandestine Laboratories	
FRNS 5353	Forensic Investigations Involving Radiological/Nuclear Materials	
FRNS 5363	Forensic Investigations of Chemical/ Biological Incidents	
FRNS 5423	Blast Injuries and Effects	
FRNS 5443	Interdisciplinary Post Blast Investigation	
FRNS 5453	Fingerprints and Their Role in Forensic Science	
FRNS 5463	Blood Stain and Pattern Analysis	
FRNS 5473	Forensic Crime Scene Processing	
FRNS 5282	Methods in Forensic Sciences	
FRNS 5303	Forensic Investigation of Impaired Vehicle Operation	
FRNS 5323	Forensic Microbiology	
FRNS 5413	Forensic Pathology and Medicine	
FRNS 5513	Forensic Bioscience	
FRNS 5523	Forensic Toxicology	
FRNS 5533	Drug Toxicity	
FRNS 5543	Advanced Forensic Toxicology	
FRNS 5553	Introduction to Forensic Crime Analysis	
FRNS 5563	Theories in Forensic Crime Analysis	
FRNS 5573	Policing Strategies in Forensic Crime Analysis	
FRNS 5613	Criminalistics and Evidence Analysis	
or FRNS 5013	Survey of Forensic Sciences	
FRNS 5633	Open Source Intelligence	
FRNS 5622	Crime Scene Laboratory and Moot Court Experience	
FRNS 5663	Destructive Devices/Explosives: Law and Regulations	
FRNS 5643	Law and Expert Evidence: Firearms and Toolmarks	
FRNS 5673	Introduction to Forensic Intelligence Analysis	
FRNS 5683	Digital and Multimedia Evidence for Investigators	
FRNS 5703	Psychology of Forensic Intelligence Analysis	
FRNS 5713	Forensic Psychology	
FRNS 5723	Advanced Forensic Psychology	
FRNS 5733	Forensic Victimology	
FRNS 5743	Forensic Science Seminar	
FRNS 5753	Criminal Behavioral Analysis	
FRNS 5803	Circuit Exploitation of Destructive Devices	
FRNS 5813	Building Construction and Fire/Explosion Forensic Examination	
FRNS 5823	Forensic Examination of Fire Protection Systems	
FRNS 5833	Identification of Destructive Device Fuzing Systems	
FRNS 5853	Electrical Theory and Failure Analysis in Forensic Fire Investigations	
FRNS 5873	Firearms and Toolmarks	
FRNS 5883	History of Firearm Identification	
FRNS 5893	Admissibility of Firearm Identification	
FRNS 5923	Intelligence Investigations for Forensic Genealogy	
FRNS 5933	Introduction to Forensic Genealogy	
FRNS 5943	Forensic Management and Organizational Development	
FRNS 5960	Forensic Problem Solving through Applied Research (Maximum of 3 hours can apply to this degree plan.)	
FRNS 5970	Directed Readings in Forensic Sciences (Maximum of 6 hours can apply to this degree plan.)	

FRNS 5990	Special Topics in Forensic Sciences (Maximum of 12 hours can apply to this degree.)
FRNS 6083	Advanced Forensic Statistics
FRNS 6123	Advanced Fire Dynamics
FRNS 6133	Advanced Forensic Genealogy
FRNS 6143	Applications of Forensic Genealogy
FRNS 6163	Blast Modeling
FRNS 6173	Advanced Interdisciplinary Post Blast Investigation
FRNS 6183	Advanced Computer Fire Modeling
FRNS 6243	Historical Evolution of Forensic Genetics
FRNS 6263	Threat Assessment and Management of Violent Extremism
FRNS 6273	Threat Assessment and Management of Workplace Violence
FRNS 6283	Threat Assessment and Management of Violence in Schools
FRNS 6293	Threat Assessment and Management of Stalking
FRNS 6400	Case Studies in Forensic Science (Maximum of 9 hours can apply to this degree.)
FRNS 6423	Advanced Blast Injuries and Effects
FRNS 6513	Advanced Methods in Forensic Genetics
FRNS 6663	Network Forensics
FRNS 6673	Mobile Device Forensics
FRNS 6683	Computer Forensics, Extractions and Analysis
FRNS 6703	Advanced Forensic Intelligence Analysis
FRNS 6713	Applied Forensic Theory
FRNS 6733	Juvenile Issues in Forensic Sciences
FRNS 6903	Advanced Forensic Examination of Firearms
FRNS 6913	Advanced Toolmark Examination and Identification
FRNS 6933	Shooting Reconstruction for Examiners
FRNS 6990	Advanced Special Topics in Forensic Sciences (Maximum of 9 hours can apply to this degree.)
Hours Subtotal	**12**
Other FRNS courses not listed may be used as electives with departmental permission.	
Total Hours	**30**

Non-Thesis (Creative Component)

Total Hours: 32

Code	Title	Hours
Required Courses		
FRNS 5063	Ethical Research and Scientific Writing	3
FRNS 5613	Criminalistics and Evidence Analysis	3
or FRNS 5013	Survey of Forensic Sciences	
FRNS 5653	The Law and Expert Evidence	3
Hours Subtotal		**9**
Electives		
Select a minimum of 23 hours from the following to align with subject area of emphasis:		23
FRNS 5013	Survey of Forensic Sciences	
or FRNS 5613	Criminalistics and Evidence Analysis	
FRNS 5073	Quality Assurance in Forensic Science	
FRNS 5083	Ethics in Forensic Leadership	
FRNS 5090	Internship in Forensic Sciences (Maximum of 6 hours can apply to this degree.)	
FRNS 5123	Fire Dynamics in Forensic Investigations	
FRNS 5143	Methods in Fire and Explosion Investigation NFPA 921/1033	
FRNS 5183	Computer Fire Modeling	
FRNS 5213	Molecular Biology for the Forensic Scientist	
FRNS 5243	Population Genetics for the Forensic Scientist (Formerly FRNS 5242)	
FRNS 5253	Forensic Casework Training	
FRNS 5263	Forensic Casework Experience	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5282	Methods in Forensic Sciences	
FRNS 5293	Violence in Forensic Settings	
FRNS 5303	Forensic Investigation of Impaired Vehicle Operation	
FRNS 5323	Forensic Microbiology	
FRNS 5333	Forensic Chemistry	
FRNS 5343	Forensic Investigation of Clandestine Laboratories	
FRNS 5353	Forensic Investigations Involving Radiological/Nuclear Materials	
FRNS 5363	Forensic Investigations of Chemical/ Biological Incidents	
FRNS 5413	Forensic Pathology and Medicine	
FRNS 5423	Blast Injuries and Effects	
FRNS 5453	Fingerprints and Their Role in Forensic Science	
FRNS 5463	Blood Stain and Pattern Analysis	
FRNS 5473	Forensic Crime Scene Processing	
FRNS 5513	Forensic Bioscience	
FRNS 5523	Forensic Toxicology	
FRNS 5533	Drug Toxicity	
FRNS 5543	Advanced Forensic Toxicology	
FRNS 5553	Introduction to Forensic Crime Analysis	
FRNS 5563	Theories in Forensic Crime Analysis	
FRNS 5573	Policing Strategies in Forensic Crime Analysis	
FRNS 5583	Data and Statistics in Forensic Crime Analysis	
FRNS 5622	Crime Scene Laboratory and Moot Court Experience	
FRNS 5633	Open Source Intelligence	
FRNS 5643	Law and Expert Evidence: Firearms and Toolmarks	

FRNS 5673	Introduction to Forensic Intelligence Analysis
FRNS 5683	Digital and Multimedia Evidence for Investigators
FRNS 5703	Psychology of Forensic Intelligence Analysis
FRNS 5713	Forensic Psychology
FRNS 5723	Advanced Forensic Psychology
FRNS 5733	Forensic Victimology
FRNS 5743	Forensic Science Seminar
FRNS 5753	Criminal Behavioral Analysis
FRNS 5813	Building Construction and Fire/Explosion Forensic Examination
FRNS 5823	Forensic Examination of Fire Protection Systems
FRNS 5873	Firearms and Toolmarks
FRNS 5883	History of Firearm Identification
FRNS 5893	Admissibility of Firearm Identification
FRNS 5923	Intelligence Investigations for Forensic Genealogy
FRNS 5933	Introduction to Forensic Genealogy
FRNS 5943	Forensic Management and Organizational Development
FRNS 5960	Forensic Problem Solving through Applied Research (Maximum of 3 hours can apply to this degree.)
FRNS 5963	Forensic Statistics
FRNS 5970	Directed Readings in Forensic Sciences (Maximum of 6 hours can apply to this degree.)
FRNS 5980	Non-Thesis Creative Component in Forensic Sciences (Satisfies the non-thesis creative component requirement for the degree.)
FRNS 5990	Special Topics in Forensic Sciences (Maximum of 15 hours can apply to this degree.)
FRNS 6123	Advanced Fire Dynamics
FRNS 6133	Advanced Forensic Genealogy
FRNS 6143	Applications of Forensic Genealogy
FRNS 6183	Advanced Computer Fire Modeling
FRNS 6263	Threat Assessment and Management of Violent Extremism
FRNS 6273	Threat Assessment and Management of Workplace Violence
FRNS 6283	Threat Assessment and Management of Violence in Schools
FRNS 6293	Threat Assessment and Management of Stalking
FRNS 6400	Case Studies in Forensic Science (Maximum of 9 hours can apply to this degree.)
FRNS 6423	Advanced Blast Injuries and Effects
FRNS 6663	Network Forensics
FRNS 6673	Mobile Device Forensics
FRNS 6683	Computer Forensics, Extractions and Analysis
FRNS 6703	Advanced Forensic Intelligence Analysis
FRNS 6713	Applied Forensic Theory
FRNS 6733	Juvenile Issues in Forensic Sciences
FRNS 6903	Advanced Forensic Examination of Firearms
FRNS 6913	Advanced Toolmark Examination and Identification
FRNS 6933	Shooting Reconstruction for Examiners
FRNS 6990	Advanced Special Topics in Forensic Sciences (Maximum of 9 hours can apply to this degree.)
Hours Subtotal	**23**
Other FRNS courses not listed may be used as electives with departmental permission.	
This degree requires completion of a capstone requirement.	
Total Hours	**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Sciences: Arson, Explosives, Firearms and Toolmarks Investigation, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Non-Thesis (Creative Component)

Total Hours: 32

Code	Title	Hours
Required Courses		
FRNS 5063	Ethical Research and Scientific Writing	3
FRNS 5613	Criminalistics and Evidence Analysis	3
or FRNS 5013	Survey of Forensic Sciences	
FRNS 5653	The Law and Expert Evidence	3
Hours Subtotal		**9**
Electives		
Select a minimum of 23 hours of the following to correspond with subject area of emphasis:		23
FRNS 5013	Survey of Forensic Sciences	
or FRNS 5613	Criminalistics and Evidence Analysis	
FRNS 5073	Quality Assurance in Forensic Science	
FRNS 5083	Ethics in Forensic Leadership	
FRNS 5090	Internship in Forensic Sciences (Maximum of 6 hours can apply to this degree.)	
FRNS 5103	The Chemistry of Pyrotechnics	
FRNS 5113	Essential Science for Explosive Operators	
FRNS 5123	Fire Dynamics in Forensic Investigations	
FRNS 5133	Ordnance Identification and Recognition	
FRNS 5143	Methods in Fire and Explosion Investigation NFPA 921/1033	
FRNS 5153	Explosives Research, Testing and Evaluation Methods	
FRNS 5183	Computer Fire Modeling	
FRNS 5213	Molecular Biology for the Forensic Scientist	
FRNS 5253	Forensic Casework Training	
FRNS 5263	Forensic Casework Experience	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5293	Violence in Forensic Settings	
FRNS 5303	Forensic Investigation of Impaired Vehicle Operation	
FRNS 5333	Forensic Chemistry	
FRNS 5343	Forensic Investigation of Clandestine Laboratories	
FRNS 5353	Forensic Investigations Involving Radiological/Nuclear Materials	
FRNS 5363	Forensic Investigations of Chemical/ Biological Incidents	
FRNS 5413	Forensic Pathology and Medicine	
FRNS 5423	Blast Injuries and Effects	
FRNS 5443	Interdisciplinary Post Blast Investigation	
FRNS 5453	Fingerprints and Their Role in Forensic Science	
FRNS 5463	Blood Stain and Pattern Analysis	
FRNS 5473	Forensic Crime Scene Processing	
FRNS 5513	Forensic Bioscience	
FRNS 5523	Forensic Toxicology	
FRNS 5543	Advanced Forensic Toxicology	
FRNS 5553	Introduction to Forensic Crime Analysis	
FRNS 5563	Theories in Forensic Crime Analysis	
FRNS 5573	Policing Strategies in Forensic Crime Analysis	
FRNS 5583	Data and Statistics in Forensic Crime Analysis	
FRNS 5633	Open Source Intelligence	
FRNS 5643	Law and Expert Evidence: Firearms and Toolmarks	
FRNS 5663	Destructive Devices/Explosives: Law and Regulations	
FRNS 5673	Introduction to Forensic Intelligence Analysis	
FRNS 5683	Digital and Multimedia Evidence for Investigators	
FRNS 5693	Battlefield Forensics and the Global War on Terror	
FRNS 5703	Psychology of Forensic Intelligence Analysis	
FRNS 5713	Forensic Psychology	
FRNS 5723	Advanced Forensic Psychology	
FRNS 5733	Forensic Victimology	
FRNS 5743	Forensic Science Seminar	
FRNS 5753	Criminal Behavioral Analysis	
FRNS 5803	Circuit Exploitation of Destructive Devices	
FRNS 5813	Building Construction and Fire/Explosion Forensic Examination	
FRNS 5823	Forensic Examination of Fire Protection Systems	
FRNS 5833	Identification of Destructive Device Fuzing Systems	
FRNS 5853	Electrical Theory and Failure Analysis in Forensic Fire Investigations	
FRNS 5873	Firearms and Toolmarks	
FRNS 5883	History of Firearm Identification	
FRNS 5893	Admissibility of Firearm Identification	
FRNS 5923	Intelligence Investigations for Forensic Genealogy	
FRNS 5933	Introduction to Forensic Genealogy	
FRNS 5943	Forensic Management and Organizational Development	
FRNS 5960	Forensic Problem Solving through Applied Research (Maximum of 3 hours can apply to this degree.)	
FRNS 5963	Forensic Statistics	

FRNS 5970	Directed Readings in Forensic Sciences (Maximum 6 hours can apply to this degree.)
FRNS 5980	Non-Thesis Creative Component in Forensic Sciences (Maximum 3 hours, satisfies capstone requirement.)
FRNS 5990	Special Topics in Forensic Sciences (Maximum of 15 hours can apply to this degree.)
FRNS 6113	Advanced Energetic Materials Chemistry and Engineering
FRNS 6123	Advanced Fire Dynamics
FRNS 6163	Blast Modeling
FRNS 6173	Advanced Interdisciplinary Post Blast Investigation
FRNS 6183	Advanced Computer Fire Modeling
FRNS 6263	Threat Assessment and Management of Violent Extremism
FRNS 6273	Threat Assessment and Management of Workplace Violence
FRNS 6283	Threat Assessment and Management of Violence in Schools
FRNS 6293	Threat Assessment and Management of Stalking
FRNS 6400	Case Studies in Forensic Science (Maximum 9 hours can apply to this degree.)
FRNS 6423	Advanced Blast Injuries and Effects
FRNS 6663	Network Forensics
FRNS 6673	Mobile Device Forensics
FRNS 6683	Computer Forensics, Extractions and Analysis
FRNS 6703	Advanced Forensic Intelligence Analysis
FRNS 6733	Juvenile Issues in Forensic Sciences
FRNS 6833	Advanced Identification of Destructive Device Fuzing Systems
FRNS 6843	Advanced Destructive Device Circuit Exploitation
FRNS 6853	Advanced Electrical Theory and Failure Analysis in Forensic Fire Investigations
FRNS 6903	Advanced Forensic Examination of Firearms
FRNS 6913	Advanced Toolmark Examination and Identification
FRNS 6923	RCIED - Advanced Analysis and Mitigation
FRNS 6933	Shooting Reconstruction for Examiners
FRNS 6990	Advanced Special Topics in Forensic Sciences (Maximum 9 hours can apply to this degree.)
Hours Subtotal	**23**
Other FRNS courses not listed may be used as electives with departmental permission.	
This degree requires completion of a capstone requirement.	
Total Hours	**32**

Other Forensic Sciences: Arson and Explosives Investigation Requirements

- Creative Component

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Forensic Sciences: Forensic Science Administration, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Non-Thesis

Total Hours: 32

Code	Title	Hours
Required Courses		
FRNS 5063	Ethical Research and Scientific Writing	3
FRNS 5613	Criminalistics and Evidence Analysis	3
FRNS 5653	The Law and Expert Evidence	3
Hours Subtotal		**9**
Electives		
Select 23 hours from the following:		23
FRNS 5013	Survey of Forensic Sciences	
FRNS 5073	Quality Assurance in Forensic Science	
FRNS 5083	Ethics in Forensic Leadership	
FRNS 5090	Internship in Forensic Sciences (Maximum 3 hours can apply to this degree.)	
FRNS 5213	Molecular Biology for the Forensic Scientist	
FRNS 5243	Population Genetics for the Forensic Scientist	
FRNS 5273	Forensic Threat Assessment and Management	
FRNS 5282	Methods in Forensic Sciences	
FRNS 5323	Forensic Microbiology	
FRNS 5413	Forensic Pathology and Medicine	
FRNS 5513	Forensic Bioscience	
FRNS 5523	Forensic Toxicology	
FRNS 5533	Drug Toxicity	
FRNS 5543	Advanced Forensic Toxicology	
FRNS 5553	Introduction to Forensic Crime Analysis	
FRNS 5563	Theories in Forensic Crime Analysis	
FRNS 5622	Crime Scene Laboratory and Moot Court Experience	
FRNS 5713	Forensic Psychology	
FRNS 5723	Advanced Forensic Psychology	
FRNS 5733	Forensic Victimology	
FRNS 5743	Forensic Science Seminar	
FRNS 5753	Criminal Behavioral Analysis	
FRNS 5943	Forensic Management and Organizational Development	
FRNS 5963	Forensic Statistics	
FRNS 5970	Directed Readings in Forensic Sciences (Maximum 6 hours can apply to this degree.)	
FRNS 5980	Non-Thesis Creative Component in Forensic Sciences (Maximum 3 hours. Satisfies capstone requirement.)	
FRNS 5990	Special Topics in Forensic Sciences (Maximum 15 hours can apply to this degree.)	
FRNS 6273	Threat Assessment and Management of Workplace Violence	
FRNS 6990	Advanced Special Topics in Forensic Sciences (Maximum of 9 hours can apply to this degree.)	
Hours Subtotal		**23**
Other FRNS courses not listed may be used as electives with departmental permission.		
This degree requires completion of a capstone requirement.		
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

General Agriculture: Agribusiness, MAG

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Formal Report Option

Total Hours: 32

Code	Title	Hours
Required Courses		
Select a minimum of 12 hours in Agricultural Economics not including AGEC 5000 or AGEC 5010: [1]		12
AGEC 5423	Agribusiness Management	
or AGEC 5043	Advanced Farm and Ranch Management	
AGEC 5603	Advanced Agricultural Finance	
MGMT 5113	Individual and Organizational Behavior	
STAT 5543	Applied Regression Analysis	
ECON 5113	Managerial Economics [2]	
or AGEC 5103	Mathematical Economics	
Hours Subtotal		**12**
Electives		
Select 20 hours of electives.		20
Hours Subtotal		**20**
Total Hours		**32**

[1] Students with no background in accounting should take ACCT 5103. Students with strong skills in mathematics and statistics should take STAT 5543 in the fall instead of STAT 5013 and then take AGEC 5213 in the spring. The comprehensive final examination may be administered after the student has completed one year in the program.

[2] Students who have had calculus should take AGEC 5103 instead of ECON 5113. Students with no upper-division training in microeconomics should take ECON 3113 before taking ECON 5113.

Creative Component Option

Total Hours: 36

Code	Title	Hours
Required Courses		
Select a minimum of 12 hours in Agricultural Economics not including AGEC 5000 or AGEC 5010: [1]		12
AGEC 5423	Agribusiness Management	
or AGEC 5043	Advanced Farm and Ranch Management	
AGEC 5603	Advanced Agricultural Finance	
MGMT 5113	Individual and Organizational Behavior	
STAT 5543	Applied Regression Analysis	
ECON 5113	Managerial Economics [2]	
or AGEC 5103	Mathematical Economics	
Hours Subtotal		**12**
Electives		
Select 24 hours of electives.		24
Hours Subtotal		**24**
Creative Component		
Select a creative component that might include AGEC 5990.		
Total Hours		**36**

[1] Students with no background in accounting should take ACCT 5103. Students with strong skills in mathematics and statistics should take STAT 5543 in the fall instead of STAT 5013 and then take AGEC 5213 in the spring. The comprehensive final examination may be administered after the student has completed one year in the program.

[2] Students who have had calculus should take AGEC 5103 instead of ECON 5113. Students with no upper-division training in microeconomics should take ECON 3113 before taking ECON 5113.

Professional Internship Option

Total Hours: 36

Code	Title	Hours
Required Courses		
Select a minimum of 12 hours in Agricultural Economics not including AGEC 5000 or AGEC 5010: [1]		12
AGEC 5423	Agribusiness Management	
or AGEC 5043	Advanced Farm and Ranch Management	
AGEC 5603	Advanced Agricultural Finance	
MGMT 5113	Individual and Organizational Behavior	
STAT 5543	Applied Regression Analysis	
ECON 5113	Managerial Economics [2]	
or AGEC 5103	Mathematical Economics	
Hours Subtotal		**12**
Electives		
Select 18 hours of electives.		18
Hours Subtotal		**18**
Professional Internship		
AGEC 5010	Professional Experience in Agricultural Economics or Agribusiness	6
Hours Subtotal		**6**
Total Hours		**36**

[1] Students with no background in accounting should take ACCT 5103. Students with strong skills in mathematics and statistics should take STAT 5543 in the fall instead of STAT 5013 and then take AGEC 5213 in the spring. The comprehensive final examination may be administered after the student has completed one year in the program.

[2] Students who have had calculus should take AGEC 5103 instead of ECON 5113. Students with no upper-division training in microeconomics should take ECON 3113 before taking ECON 5113.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

General Agriculture: Agricultural Education and Agricultural Leadership, MAG

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Required Courses		
AECL 5101	Orientation to Graduate Programs in Agricultural Education, Communications and Leadership	1
Agricultural Education and Leadership		
Select from AGED coursework		6
Select from AGLE coursework		6
Select from any other graduate AECL, AGED, AGLE, or AGCM course		3
Electives/Area of Emphasis [1]		
Select 16 hours		16
Total Hours		**32**

[1] Area of emphasis to be developed with student's committee.

Degree Requirement

- Totals must include a minimum of 21 hours of 5000 or higher credit and a maximum of 9 transfer credit hours.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Geography, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
GEOG 5001	Professional Development in Geography	1
GEOG 5303	Geographic Analysis I	3
or GEOG 5423	Geographic Renderings in Qualitative Methods	
or GEOG 6313	Mixed Methods in Field Research	
GEOG 5403	Current Geographic Research	3
GEOG 5413	History and Philosophy of Geography	3
Hours Subtotal		**10**
Required Seminars		
Group I Seminar (Human)		
Select 3 hours from the following:		3
GEOG 5140	Seminar in Cultural Geography	
GEOG 5150	Geography of Sport, Recreation and Leisure Seminar	
GEOG 5443	Sustainable Tourism and Geography	
GEOG 6110	Seminar in Cultural and Political Ecology [1]	
GEOG 6120	Seminar in Urban Geography	
GEOG 6130	Seminar in Political Geography	
GEOG 6180	Seminar in Transportation Geography	
GEOG 6210	Seminar in Historical Geography	
Group II Seminar (Physical)		
Select 3 hours from the following:		3
GEOG 5023	Arid Lands and Drought	
GEOG 5063	Geoarchaeology and Environmental History	
GEOG 5073	Climate Change: Past, Present and Future	
GEOG 5083	Grasslands and Savannas: Evolution and Environmental Issues	
GEOG 5113	Landscape Ecology	
GEOG 5123	International Resource Management	
GEOG 5163	Resource Management in the National Parks	
GEOG 5233	Human Dimensions of Global Environmental Change	
GEOG 6013	Seminar in Quaternary Paleoecology	
GEOG 6110	Seminar in Cultural and Political Ecology [1]	
Hours Subtotal		**6**
Electives		
Select 8 hours		8
Hours Subtotal		**8**
Thesis Hours		
GEOG 5000	Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

[1] GEOG 6110 cannot satisfy both Group I and Group II requirements simultaneously.

Non-Thesis Option

Total Hours: 36

Code	Title	Hours
Required Courses		
GEOG 5001	Professional Development in Geography	1
GEOG 5303	Geographic Analysis I	3
or GEOG 5423	Geographic Renderings in Qualitative Methods	
or GEOG 6313	Mixed Methods in Field Research	
GEOG 5403	Current Geographic Research	3
GEOG 5413	History and Philosophy of Geography	3
Hours Subtotal		**10**
Required Seminars		
Group I Seminar (Human)		
Select 3 hours from the following:		3
GEOG 5140	Seminar in Cultural Geography	
GEOG 5150	Geography of Sport, Recreation and Leisure Seminar	
GEOG 5443	Sustainable Tourism and Geography	
GEOG 6110	Seminar in Cultural and Political Ecology [1]	
GEOG 6120	Seminar in Urban Geography	
GEOG 6130	Seminar in Political Geography	
GEOG 6180	Seminar in Transportation Geography	
GEOG 6210	Seminar in Historical Geography	
Group II Seminar (Physical)		
Select 3 hours from the following:		3
GEOG 5023	Arid Lands and Drought	
GEOG 5063	Geoarchaeology and Environmental History	
GEOG 5073	Climate Change: Past, Present and Future	
GEOG 5083	Grasslands and Savannas: Evolution and Environmental Issues	
GEOG 5113	Landscape Ecology	
GEOG 5123	International Resource Management	
GEOG 5163	Resource Management in the National Parks	
GEOG 5233	Human Dimensions of Global Environmental Change	
GEOG 6013	Seminar in Quaternary Paleoecology	
GEOG 6110	Seminar in Cultural and Political Ecology [1]	
Hours Subtotal		**6**
Electives		
Select 20 hours		20
Hours Subtotal		**20**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic

regulations for minimal GPA, language proficiency and other general requirements.

Geology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Coursework		
GEOL 5243	Research Methods and Techniques in Geosciences	3
Select 21 hours of the following courses. Not to exceed 12 hours of GEOL 5990 "Advanced Studies in Geology." Maximum 9 hours can be transferred with "B" or better. Courses from other academic units can be taken with approval of MS student Research Committee.		21
GEOL 5023	Petroleum Geology	
GEOL 5030	Geologic Field Investigation	
GEOL 5073	Geomorphology	
GEOL 5093	Quaternary Geology and Geochronology	
GEOL 5183	Paleontology and Paleoceanographic Reconstruction	
GEOL 5223	Advanced Methods in Structural Geology	
GEOL 5233	Trace Element Geochemistry	
GEOL 5213	Seismic Interpretation	
GEOL 5253	Petrology and Diagenesis of Clastic Rocks	
GEOL 5273	Depositional Systems	
GEOL 5300	Geology Colloquium	
GEOL 5283	Subsurface Geologic Methods	
GEOL 5313	Plate Tectonics	
GEOL 5333	Applied Geostatistics	
GEOL 5353	Advanced Well Log Analysis	
GEOL 5363	Carbonate Depositional Systems	
GEOL 5383	Sequence Stratigraphy	
GEOL 5343	Advanced Petrophysics	
GEOL 5393	Stratigraphy of the Midcontinent	
GEOL 5403	Environmental Geochemistry	
GEOL 5413	Applied Petroleum Geology for Engineers	
GEOL 5433	Isotope Geochemistry	
GEOL 5453	Groundwater Modeling	
GEOL 5463	Physical Hydrogeology	
GEOL 5483	Petroleum Water Management	
GEOL 5513	Marine Geology	
GEOL 5523	Environmental Organic Geochemistry	
GEOL 5533	Organic Geochemistry	
GEOL 5443	Environmental Geophysics	
GEOL 5543	Introduction to Exploration Seismology	
GEOL 5573	Marine Biogeochemical Cycles	
GEOL 5583	Environmental Data Analytics	
GEOL 5603	Basin Evolution	
GEOL 5633	Exploration Prospect Evaluation	
GEOL 5753	Volcanology	
GEOL 5773	Planetary Geology	
GEOL 5803	Fundamentals of Carbon Capture and Geologic Storage	
GEOL 5813	Multiphase Flow and Transport of CO2 in Subsurface	
GEOL 5823	Fundamentals of Water-Rock-CO2 Interactions	
GEOL 5833	Geomechanics and Seismicity in Geological Carbon Storage	
GEOL 5843	4D Dynamic Reservoir Characterization	
GEOL 5853	Social, Legal, and Regulatory Context for Carbon Capture and Storage	
GEOL 5863	3D Seismic Exploration	
GEOL 5883	Risk Analysis in Conventional and Unconventional Reservoirs	
GEOL 5893	Evolution of Sandstone Reservoirs	
GEOL 5990	Advanced Studies in Geology	
GEOL 5990	Advanced Studies in Geology (Plate Techtonics)	
GEOL 5990	Advanced Studies in Geology (Spectral Signal Processing)	
GEOL 5990	Advanced Studies in Geology (Seismic Data Processing)	
GEOL 6103	Gravity and Magnetic Methods	
GEOL 6133	Unconventional Petroleum Reservoirs	
GEOL 6283	Geology of Shales	
GEOL 6303	Electrical and Electromagnetic Methods	
GEOL 6363	Carbonate Reservoir Characterization	
GEOL 6373	Advanced Carbonate Petrology and Geochemistry	
GEOL 6386	Sequence Stratigraphy of Shales	
GEOL 6503	Rock Fractures	
GEOL 6553	Contaminant Hydrogeology	
Hours Subtotal		**24**
Thesis		
GEOL 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Report Option

Total Hours: 32

Code	Title	Hours
Required Coursework		
GEOL 5990	Advanced Studies in Geology	3
Select 29 hours of the following courses. Maximum 9 hours can be transferred. All courses are 3 hours.		29
GEOL 5023	Petroleum Geology	
GEOL 5030	Geologic Field Investigation	
GEOL 5073	Geomorphology	
GEOL 5093	Quaternary Geology and Geochronology	
GEOL 5100	Problems in Hydrogeology	
GEOL 5103	Introduction to Geophysical Exploration	
GEOL 5133	Structural Styles in Oil and Gas Exploration	

GEOL 5143	Geological Remote Sensing
GEOL 5183	Paleontology and Paleoceanographic Reconstruction
GEOL 5223	Advanced Methods in Structural Geology
GEOL 5213	Seismic Interpretation
GEOL 5233	Trace Element Geochemistry
GEOL 5243	Research Methods and Techniques in Geosciences
GEOL 5253	Petrology and Diagenesis of Clastic Rocks
GEOL 5273	Depositional Systems
GEOL 5283	Subsurface Geologic Methods
GEOL 5313	Plate Tectonics
GEOL 5333	Applied Geostatistics
GEOL 5343	Advanced Petrophysics
GEOL 5353	Advanced Well Log Analysis
GEOL 5363	Carbonate Depositional Systems
GEOL 5383	Sequence Stratigraphy
GEOL 5393	Stratigraphy of the Midcontinent
GEOL 5403	Environmental Geochemistry
GEOL 5433	Isotope Geochemistry
GEOL 5443	Environmental Geophysics
GEOL 5453	Groundwater Modeling
GEOL 5463	Physical Hydrogeology
GEOL 5483	Petroleum Water Management
GEOL 5513	Marine Geology
GEOL 5523	Environmental Organic Geochemistry
GEOL 5533	Organic Geochemistry
GEOL 5543	Introduction to Exploration Seismology
GEOL 5573	Marine Biogeochemical Cycles
GEOL 5583	Environmental Data Analytics
GEOL 5603	Basin Evolution
GEOL 5633	Exploration Prospect Evaluation
GEOL 5643	Seismic Data Processing
GEOL 5753	Volcanology
GEOL 5773	Planetary Geology
GEOL 5803	Fundamentals of Carbon Capture and Geologic Storage
GEOL 5813	Multiphase Flow and Transport of CO2 in Subsurface
GEOL 5823	Fundamentals of Water-Rock-CO2 Interactions
GEOL 5833	Geomechanics and Seismicity in Geological Carbon Storage
GEOL 5843	4D Dynamic Reservoir Characterization
GEOL 5853	Social, Legal, and Regulatory Context for Carbon Capture and Storage
GEOL 5863	3D Seismic Exploration
GEOL 5883	Risk Analysis in Conventional and Unconventional Reservoirs
GEOL 5893	Evolution of Sandstone Reservoirs
GEOL 5990	Advanced Studies in Geology (Plate Techtonics)
GEOL 5990	Advanced Studies in Geology (Spectral Signal Processing)
GEOL 5990	Advanced Studies in Geology (Seismic Data Processing)
GEOL 6103	Gravity and Magnetic Methods
GEOL 6133	Unconventional Petroleum Reservoirs
GEOL 6283	Geology of Shales
GEOL 6303	Electrical and Electromagnetic Methods
GEOL 6363	Carbonate Reservoir Characterization
GEOL 6373	Advanced Carbonate Petrology and Geochemistry
GEOL 6386	Sequence Stratigraphy of Shales
GEOL 6503	Rock Fractures
GEOL 6553	Contaminant Hydrogeology
Total Hours	**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Global Health, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Required Courses		
GLHE 5103	Introduction to Global Health	3
or HCA 5103	Introduction to Global Health	
GLHE 5143	Relief and Development in Global Health	3
or HCA 5143	Relief and Development in Global Health	
GLHE 5153	International Health Systems	3
or HCA 5153	International Health Systems	
GLHE 5173	Emerging Global Infectious Diseases	3
or HCA 5173	Emerging Global Infectious Diseases	
Hours Subtotal		**12**
Electives		
Select 20 hours from the following:		20
GLHE 5030	Problems and Issues in Global Health	
or HCA 5030	Problems and Issues in Global Health	
GLHE 5052	Directed Readings in Global Health	
or HCA 5052	Directed Readings in Health Care Administration	
GLHE 5123	Survey of Research and Evaluation in Health Care	
or HCA 5123	Survey of Research and Evaluation in Health Care	
GLHE 5183	Global Environmental and Occupational Health	
or HCA 5183	Global Environmental and Occupational Health	
GLHE 5193	Health Aspects of Disasters	
or HCA 5193	Health Aspects of Disasters	
GLHE 5273	Understanding Global Burden of Diseases	
or HCA 5273	Understanding Global Burden of Diseases	
GLHE 5020	Seminar in Global Health	
or HCA 5020	Seminar in Global Health	
HCA 5010	Special Topics in Health Care Administration	
HCA 5023	Human Resources in Health Care and Public Administration	
HCA 5033	Legal Issues in Health Care Administration	
HCA 5043	Organizational Leadership and Development in Health Care	
HCA 5063	Health Care Compliance	
HCA 5083	The Financial Structure of Health Care Organizations	
HCA 5113	Entrepreneurship and the Health Sciences	
HCA 5133	Health Care Informatics	
HCA 5163	Healthcare Accounting and Auditing	
HCA 5213	Advanced Cases in Healthcare Finance	
HCA 5223	Ethics in Healthcare	
HCA 5263	Patient Safety, Quality Measurement & Improvement	
HCA 5333	American Indian & Alaska Natives Healthcare	
HCA 5353	Tribal Sovereignty	
HCA 5363	American Indian and Alaska Native Leadership and Ethics	
HCA 5373	Administrative Dimensions of American Indian and Alaska Natives Health	
HCA 5383	Tribal Health Cultural Dimensions	
HCA 5990	Internship in Health Care Administration	
HCA 5993	Clinical Operations Management	
Hours Subtotal		**20**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Global Studies, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 33

Code	Title	Hours
Core Course Requirements		
Required Hours		
GS 5013	Contemporary Issues in Global Studies	3
GS 5213	Global Trade Economics	3
GS 5313	Global Communication and Public Diplomacy	3
GS 5413	Global Development	3
GS 5513	Global Crisis Management	3
Research Hours		
GS 5133	Research Design and Methods for Global Studies	3
Hours Subtotal		**18**
Focus Area Requirements		
Select 9 focus area hours:		9
GS 5333	Certified Global Business Professional	
GS 5243	Trade and Investment Promotion	
GS 5323	Nation Branding	
GS 5343	Geopolitics of New Media	
GS 5043	Politics of the Global Economy	
GS 5223	Culture, History and World Systems	
GS 5443	Refugees & Forced Migration	
GS 5523	Transnational Criminal Organizations and the War on Drugs	
GS 5533	Complex Emergencies	
GS 5553	Global Poverty and Inequality	
GS 5543	International Dimensions of Fire and Emergency Management	
Or other courses pre-approved by advisory committee		
Thesis Hours		
GS 5000	Master's Thesis	6
Total Hours		**33**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Core Course Requirements		
Required Hours		
GS 5013	Contemporary Issues in Global Studies	3
GS 5213	Global Trade Economics	3
GS 5313	Global Communication and Public Diplomacy	3
GS 5413	Global Development	3
GS 5513	Global Crisis Management	3
Research Hours		
GS 5133	Research Design and Methods for Global Studies	3
Hours Subtotal		**18**
Focus Area Requirements		
Select 12 focus area hours:		12
GS 5333	Certified Global Business Professional	
GS 5243	Trade and Investment Promotion	
GS 5323	Nation Branding	
GS 5343	Geopolitics of New Media	
GS 5043	Politics of the Global Economy	
GS 5223	Culture, History and World Systems	
GS 5443	Refugees & Forced Migration	
GS 5523	Transnational Criminal Organizations and the War on Drugs	
GS 5553	Global Poverty and Inequality	
GS 5533	Complex Emergencies	
GS 5543	International Dimensions of Fire and Emergency Management	
Or other courses pre-approved by advisory committee		
Creative Component or Internship		
Select 3 hours:		3
GS 5100	Research in Global Studies	
GS 5110	Internship in Global Studies	
Hours Subtotal		**15**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Graphic Design, MFA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 60

Code	Title	Hours
Core Requirements		
Students are required to take three core graduate level studio courses—Graphic Design Studio; Motion Design Studio; and Interaction Design Studio-- three times for a total of 27 credit hours. Faculty will provide students with different design projects for each time they take a Studio. Three (3) additional Studio credits may be taken depending on the student's Plan of Study (POS).		27
ART 5420	Graduate Graphic Design Studio	
ART 5450	Graduate Motion Design Studio	
ART 5460	Graduate Interaction Design Studio	
Hours Subtotal		**27**
Graphic Design History		
ART 5423	Graduate Study in Graphic Design History	3
Graphic Design Seminar		
ART 5440	Graduate Special Topics in Graphic Design	3
Teaching Practicum		
ART 5413	Graduate Teaching Practicum in Graphic Design	3
Thesis		
Six hours from:		6
ART 5400	Graduate Study: Graphic Design Thesis	
Art History		
Select 3 hours		3
Students will choose among the many graduate-level classes that are available in the Department of Art, Graphic Design and Art History, including Art 5920, Art History Seminar, Art 5613, Art Since 1960, Art 5833, History of Chinese Art, Art 5763, etc.		
Hours Subtotal		**18**
Electives		**15**
Elective courses may include the following depending on the student's Plan of Study:		
Three (3) to six (6) credit hours of Graduate Level Courses: in Department of Art, Graphic Design and Art History; College of Education; Department of Design, Housing and Merchandising; Department of Computer Science		
Three (3) to six (6) credit hours of Graphic Design internship		
ART 5410	Graduate Graphic Design Internship	
Additional three (3) credit hours in Graduate Studio Class (Graphic Design, Motion Design and Interaction Design)		
ART 5420	Graduate Graphic Design Studio	
ART 5460	Graduate Interaction Design Studio	
Three (3) hours of thesis or Studio credits		
Hours Subtotal		**15**
Total Hours		**60**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health and Human Performance: Applied Exercise Science, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
or HHP 5053	Research Design in Leisure, Health and Human Performance	
HHP 5523	Current Readings in Health	3
Hours Subtotal		**12**
Required Courses		
HHP 5853	Clin Ex Test & Prescript	3
HHP 5873	Human Bioenergetics	3
Hours Subtotal		**6**
Departmental Electives		
Select 12 hours from the following:		12
HLTH 5113	Psychological Aspects of Health	
HHP 5073	Psychological Aspects of Sport	
HHP 5733	Motor Learning	
HHP 5823	Applied Neuromuscular Physiology	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5303	Human Nutrition and Metabolism I	
BIOL 5215	Mammalian Physiology	
HHP 5843	Applied Biomechanics	
Hours Subtotal		**12**
Thesis		
HHP 5000	Master's Thesis	6
Total Hours		**36**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
or HHP 5053	Research Design in Leisure, Health and Human Performance	
HHP 5523	Current Readings in Health	3
Hours Subtotal		**12**
Required Courses		
HHP 5853	Clin Ex Test & Prescript	3
HHP 5873	Human Bioenergetics	3
Hours Subtotal		**6**
Departmental Electives		
Select 12 hours from the following:		12
HLTH 5113	Psychological Aspects of Health	
HHP 5073	Psychological Aspects of Sport	
HHP 5733	Motor Learning	
HHP 5823	Applied Neuromuscular Physiology	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5303	Human Nutrition and Metabolism I	
BIOL 5215	Mammalian Physiology	
HHP 5843	Applied Biomechanics	
Hours Subtotal		**12**
Creative Component		
HHP 5030	Field Problems in Health and Human Performance	3
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health and Human Performance: Health Promotion, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
or HHP 5053	Research Design in Leisure, Health and Human Performance	
HHP 5523	Current Readings in Health	3
Hours Subtotal		**12**
Required Courses		
HLTH 5653	Foundations of Public Health Education and Promotion	3
HLTH 5683	Health Behavior Theory and Practice for Public Health	3
HLTH 5973	Designing Public Health Programs	3
HLTH 5983	Implementation and Evaluation of Public Health Programs	3
Hours Subtotal		**12**
Departmental Electives		
Select 6 hours of the following:		6
HLTH 5113	Psychological Aspects of Health	
HLTH 5453	Cultural Issues In Health	
HLTH 5133	Environmental Health	
HLTH 5233	Sexuality and Health	
HLTH 5323	General Epidemiology	
Hours Subtotal		**6**
Thesis		
HLTH 5000	Thesis Research	6
Hours Subtotal		**6**
Total Hours		**36**

Non-Thesis Option

Total Hours: 36

Code	Title	Hours
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
or HHP 5053	Research Design in Leisure, Health and Human Performance	
HHP 5523	Current Readings in Health	3
Hours Subtotal		**12**
Required Courses		
HLTH 5653	Foundations of Public Health Education and Promotion	3
HLTH 5683	Health Behavior Theory and Practice for Public Health	3
HLTH 5973	Designing Public Health Programs	3
HLTH 5983	Implementation and Evaluation of Public Health Programs	3
Hours Subtotal		**12**
Departmental Electives		
Select 9 hours of the following:		9
HLTH 5113	Psychological Aspects of Health	
HLTH 5453	Cultural Issues In Health	
HLTH 5133	Environmental Health	
HLTH 5233	Sexuality and Health	
HLTH 5323	General Epidemiology	
Hours Subtotal		**9**
Non-Thesis		
HLTH 5030	Field Experiences in Health Promotion	3
Hours Subtotal		**3**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health and Human Performance: Physical Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
or HHP 5053	Research Design in Leisure, Health and Human Performance	
HHP 5523	Current Readings in Health	3
Hours Subtotal		**12**
Required Courses		
Select approved courses.		6
Hours Subtotal		**6**
Departmental Electives		
Select 12 hours of the following:		12
HHP 5073	Psychological Aspects of Sport	
HHP 5733	Motor Learning	
HHP 5873	Human Bioenergetics	
CIED 5043	Issues in Teaching	
EPSY 5663	Creativity for Teachers	
Hours Subtotal		**12**
Thesis		
HHP 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**36**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
or HHP 5053	Research Design in Leisure, Health and Human Performance	
HHP 5523	Current Readings in Health	3
Hours Subtotal		**12**
Required Courses		
Select approved courses.		6
Hours Subtotal		**6**
Departmental Electives		
Select 12 hours of the following:		12
HHP 5073	Psychological Aspects of Sport	
HHP 5733	Motor Learning	
HHP 5873	Human Bioenergetics	
CIED 5043	Issues in Teaching	
EPSY 5663	Creativity for Teachers	
Hours Subtotal		**12**
Non-Thesis		
HHP 5030	Field Problems in Health and Human Performance	3
Hours Subtotal		**3**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Health Care Administration, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Degree Core		
Required Courses		
HCA 5013	Survey of Health Care Administration	3
HCA 5033	Legal Issues in Health Care Administration	3
HCA 5083	The Financial Structure of Health Care Organizations	3
HCA 5093	Leadership Methods and Styles in Healthcare	3
HCA 5123	Survey of Research and Evaluation in Health Care	3
HCA 5403	Course HCA 5403 Not Found	3
HCA 5413	Course HCA 5413 Not Found	3
Hours Subtotal		**21**
Optional Electives		
Select 11 hours from the following:		11
HCA 5010	Special Topics in Health Care Administration (Clinical Operations Internship)	
HCA 5010	Special Topics in Health Care Administration	
HCA 5023	Human Resources in Health Care and Public Administration	
HCA 5043	Organizational Leadership and Development in Health Care	
HCA 5063	Health Care Compliance	
HCA 5052	Directed Readings in Health Care Administration	
HCA 5103	Introduction to Global Health	
HCA 5113	Entrepreneurship and the Health Sciences	
HCA 5133	Health Care Informatics	
HCA 5143	Relief and Development in Global Health	
HCA 5153	International Health Systems	
HCA 5163	Healthcare Accounting and Auditing	
HCA 5173	Emerging Global Infectious Diseases	
HCA 5193	Health Aspects of Disasters	
HCA 5213	Advanced Cases in Healthcare Finance	
HCA 5223	Ethics in Healthcare	
HCA 5233	Advanced Leadership Methods and Styles in Healthcare	
HCA 5263	Patient Safety, Quality Measurement & Improvement	
HCA 5990	Internship in Health Care Administration	
Hours Subtotal		**11**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

History, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Plan 1

Total Hours: 30

Code	Title	Hours
Required Courses		
Select 12 hours in a major field.		12
Select 9 hours from a minor field.		9
Hours Subtotal		**21**
Methods		
HIST 5023	Historical Methods	3
Hours Subtotal		**3**
Thesis		
HIST 5000	Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Plan II: Public History

Total Hours: 36

Code	Title	Hours
Required Courses		
HIST 5053	Museum Studies	3
or HIST 5063	Historic Preservation	
Select minimum of 9 hours of Seminar courses		9
Select courses per Plan of Study to complete degree requirements.		18
Hours Subtotal		**30**
Thesis		
HIST 5000	Thesis	6
Hours Subtotal		**6**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Horticulture, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Courses		
HORT 5020	Graduate Seminar	1
HORT 5233	Experimental Horticulture	3
HORT 5443	Basic Laboratory Experimentation	3
HORT 5553	Scientific Writing in Horticulture	3
Select 3 hours of STAT at 5000-level or above.		3
Select a minimum of 11 hours from HORT and/or related fields:		11
HORT 5133	Temperature Stress Physiology	
HORT 5423	Flowering and Fruiting in Horticultural Crops	
HORT 5963	Horticulture Physiology	
PLNT 5293	Plant Response to Water Stress	
PLNT 5412	Plant Breeding Methods	
SOIL 5234	Soil Nutrient Management	
SOIL 5683	Soil, Water, and Weather	
ENPP 5523	Integrated Management of Insect Pests and Pathogens	
Additional courses pre-approved by advisory committee		
Hours Subtotal		**24**
Thesis		
HORT 5000	Master's Research and Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Formal Report Option

Total Hours: 36

Code	Title	Hours
Courses		
HORT 5020	Graduate Seminar	1
HORT 5233	Experimental Horticulture	3
Select 12 hours of HORT courses at the 5000-level:		12
HORT 5133	Temperature Stress Physiology	
HORT 5423	Flowering and Fruiting in Horticultural Crops	
HORT 5443	Basic Laboratory Experimentation	
HORT 5543	Sustainable Nursery Production	
HORT 5553	Scientific Writing in Horticulture	
HORT 5713	Public Garden Management	
HORT 5963	Horticulture Physiology	
HORT 5973	Sustainable Landscape Management	
Additional courses pre-approved by advisory committee		
Select 12-18 hours from HORT or a related field (the exact number of hours taken in this block will depend on the number of hours of HORT 5010 the student completes):		12-18
Any additional 5000-level HORT class		
PBIO 5003	Field Botany	
NREM 5023	Restoration Ecology	
NREM 5033	Ecology of Invasive Species	
NREM 5083	Applied Landscape Ecology	
AGED 5623	Volunteer Management in Agricultural and Extension Education	
AGED 5823	Advanced Methods of Teaching Agriculture	
AGCM 5133	Agricultural Photography and Photo Editing	
Additional courses pre-approved by advisory committee		
Hours Subtotal		**28-34**
Project with Formal Report		
HORT 5110	Advanced Horticultural Problems	2-8
Hours Subtotal		**2-8**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Hospitality and Tourism Management, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Non-Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
HTM 5323	Hospitality and Tourism Financial Management	3
HTM 5413	Hospitality and Tourism Human Resources Management	3
HTM 5423	Hospitality and Tourism Marketing Management	3
HTM 5513	Hospitality and Tourism Strategic Management	3
HTM 5813	Research Methods and Analytics in Hospitality and Tourism	3
Hours Subtotal		**15**
Electives		
Select 15 hours, 9 of which must be HTM.		15
Hospitality and Tourism Management		
HTM 5090	International Hospitality Studies	
HTM 5233	Convention and Special Event Management	
HTM 5263	Applied Revenue Management in Hospitality and Tourism Management	
HTM 5503	Big Data Analytics in Hospitality and Tourism Management	
HTM 5850	Special Topics in the Hospitality and Tourism Industry	
HTM 5870	Current Issues in the Hospitality and Tourism Industry	
(Recommended Outside Elective Courses)		
Accounting and Finance		
ACCT 5103	Seminar in Contemporary Accounting Theory I	
ACCT 5183	MBA Financial Reporting	
ACCT 5283	MBA Managerial Accounting	
ACCT 5603	Advanced Accounting-based Information Systems	
Entrepreneurship		
EEE 5223	Entrepreneurial Marketing	
EEE 5263	Corporate Entrepreneurship	
EEE 5313	Emerging Enterprise Consulting	
Human Resources		
MGMT 5133	Total Rewards	
MGMT 5153	Talent Development	
MGMT 5543	Human Resource Analytics	
MGMT 5823	Talent Acquisition	
LSB 5423	Employment Law	
Management		
MGMT 5113	Individual and Organizational Behavior	
MGMT 5123	Org Design & Research	
MGMT 5223	Seminar in Human Resource Management	
MGMT 5313	Project Management	
MGMT 5533	Leadership Challenges	
Marketing		
BAN 5511	Web Analytics and Digital Marketing	
BAN 5521	GIS Applications in Marketing Analytics	
MKTG 5133	Marketing Management	
MKTG 5213	Services Marketing	
MKTG 5223	Entrepreneurial Marketing	
MKTG 5553	International Marketing Strategy	
MKTG 5613	Seminar in Consumer Behavior	
MKTG 5733	Introduction to Marketing Analytics	
MKTG 5743	Advanced Marketing Analytics	
Information and Technology		
MSIS 5123	Enterprise Resource Planning	
MSIS 5133	Advanced Web Based Application Development	
MSIS 5623	Information and Network Technology Management	
MSIS 5633	Predictive Analytics Technologies	
MSIS 5643	Graduate Database Management	
MSIS 5673	Descriptive Analytics and Visualization	
Business Administration		
BADM 5513	Fundamentals of Business Analytics (Business Administation)	
BADM 5093	Study Abroad: Applied Business Studies	
BADM 5200	Selected Master of Business Administration Topics	
Hours Subtotal		**15**
Total Hours		**30**

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
HTM 5413	Hospitality and Tourism Human Resources Management	3
or HTM 5323	Hospitality and Tourism Financial Management	
or HTM 5423	Hospitality and Tourism Marketing Management	
HTM 5513	Hospitality and Tourism Strategic Management	3
HTM 5813	Research Methods and Analytics in Hospitality and Tourism	3
REMS 5953	Statistical Methods in Education	3
or STAT 5013	Statistics for Experimenters I	
Hours Subtotal		**12**
Electives		
Select 12 hours, 6 of which need to be HTM		12
Hospitality and Tourism Management		

HTM 5090	International Hospitality Studies
HTM 5233	Convention and Special Event Management
HTM 5263	Applied Revenue Management in Hospitality and Tourism Management
HTM 5503	Big Data Analytics in Hospitality and Tourism Management
HTM 5850	Special Topics in the Hospitality and Tourism Industry
HTM 5870	Current Issues in the Hospitality and Tourism Industry
(Recommended Outside Elective Courses)	
Accounting and Finance	
ACCT 5103	Seminar in Contemporary Accounting Theory I
ACCT 5183	MBA Financial Reporting
ACCT 5283	MBA Managerial Accounting
ACCT 5603	Advanced Accounting-based Information Systems
Entrepreneurship	
EEE 5223	Entrepreneurial Marketing
EEE 5263	Corporate Entrepreneurship
EEE 5313	Emerging Enterprise Consulting
Human Resources	
MGMT 5133	Total Rewards
MGMT 5153	Talent Development
MGMT 5543	Human Resource Analytics
MGMT 5823	Talent Acquisition
LSB 5423	Employment Law
Management	
MGMT 5113	Individual and Organizational Behavior
MGMT 5123	Org Design & Research
MGMT 5223	Seminar in Human Resource Management
MGMT 5313	Project Management
MGMT 5533	Leadership Challenges
Marketing	
BAN 5511	Web Analytics and Digital Marketing
BAN 5521	GIS Applications in Marketing Analytics
MKTG 5133	Marketing Management
MKTG 5213	Services Marketing
MKTG 5223	Entrepreneurial Marketing
MKTG 5553	International Marketing Strategy
MKTG 5613	Seminar in Consumer Behavior
MKTG 5733	Introduction to Marketing Analytics
MKTG 5743	Advanced Marketing Analytics
Information and Technology	
MSIS 5123	Enterprise Resource Planning
MSIS 5133	Advanced Web Based Application Development
MSIS 5623	Information and Network Technology Management
MSIS 5633	Predictive Analytics Technologies
MSIS 5643	Graduate Database Management
MSIS 5673	Descriptive Analytics and Visualization
Business Administration	
BADM 5513	Fundamentals of Business Analytics
BADM 5093	Study Abroad: Applied Business Studies
BADM 5200	Selected Master of Business Administration Topics
Hours Subtotal	**12**
Thesis	
HTM 5000	Master's Thesis 6
Hours Subtotal	**6**
Total Hours	**30**

Hospitality and Tourism Management Requirements

- 50% of coursework must be in Hospitality and Tourism Management (HTM).
- No fewer than 27 semester hours of 5000-level courses.
- A student can only take a maximum of 3 credit hours of independent study (HTM 5870).
- All coursework must be approved by the committee.
- A Hospitality Internship is required of all students (can be waived with appropriate industry experience by graduate admission committee).
- Students may transfer a maximum of nine graduate credit hours with a grade of "B" or better to OSU with the approval of their advisory committee and the Dean of the Graduate College.
- All requirements must be completed within 7 years. No course on plan of study may be more than 10 years old at the time of graduation.
- None of the leveling credit hours can be included in the plan of study.
- Students entering the MS degree program must have a BS/BA degree in hospitality and tourism management or a related field and relevant work experience. Prerequisite courses will be required for students with other degrees and limited professional experience.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Human Development and Family Science: Aging Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Human Development and Family Science		
HDFS 5213	Lifespan Development	3
HDFS 5523	Family Theory	3
Research Methods and Statistics		
HDFS 5123	Research Methods and Design in HDFS	3
REMS 5953	Statistical Methods in Education	3
Aging Sciences Core		
HDFS 5013	Assessment for Aging Research	3
HDFS 5413	Aging in Human Development	3
HDFS 5483	Aging Network Seminar	3
HDFS 5493	Aging and Diverse Families	3
Aging Sciences Electives		
Select 6 hours from the following:		6
NSCI 5393	Nutrition and Aging	
RMRT 5073	Recreational Therapy and Geriatrics	
RMRT 5473	Recreation and Aging	
CPSY 5173	Gerontological Counseling	
Other courses as approved by committee.		
Thesis		
HDFS 5000	Master's Thesis	6
Total Hours		**36**

Non-Thesis Option

Total Hours: 36

Code	Title	Hours
Human Development and Family Science		
HDFS 5213	Lifespan Development	3
HDFS 5523	Family Theory	3
Research Methods and Statistics		
HDFS 5123	Research Methods and Design in HDFS	3
REMS 5953	Statistical Methods in Education	3
Aging Sciences Core		
HDFS 5013	Assessment for Aging Research	3
HDFS 5413	Aging in Human Development	3
HDFS 5483	Aging Network Seminar	3
HDFS 5493	Aging and Diverse Families	3
Aging Sciences Electives		
Select 9 hours from the following:		9
NSCI 5393	Nutrition and Aging	
RMRT 5073	Recreational Therapy and Geriatrics	
RMRT 5473	Recreation and Aging	
CPSY 5173	Gerontological Counseling	
Other courses as approved by committee.		
Non-Thesis		
HDFS 5163	Master's Capstone in HDFS	3
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Human Development and Family Science: Applied Human Services, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Degree Core		
HDFS 5293	Human Development Theory	3
HDFS 5523	Family Theory	3
HDFS 5543	Family Crisis and Trauma	3
HDFS 5123	Research Methods and Design in HDFS	3
Topics in Human Development and Family Science		
HDFS 5503	Family Diversity	3
HDFS 5153	Policy in Human Development and Family Science	3
HDFS 5563	Community and Family	3
Hours Subtotal		**21**
Individual Research		
Select either thesis option or non-thesis option:		9
Thesis Option		
HDFS 5000	Master's Thesis (6 hours)	
REMS 5953	Statistical Methods in Education	
Non-thesis Option		
HDFS 6273	Parent-Child Relations	
6 hours of HDFS electives as approved by committee		
Hours Subtotal		**9**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Human Development and Family Science: Developmental and Family Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Required Courses		
Theoretical Foundations in Human Development and Family Science		
HDFS 5213	Lifespan Development	3
HDFS 5523	Family Theory	3
Hours Subtotal		**6**
Research Methods and Statistics		
Choose one of the following options:		9
HDFS 5123	Research Methods and Design in HDFS	
STAT 5013	Statistics for Experimenters I	
STAT 5063	Statistical Machine Learning with R	
OR		
PSYC 5304	Quantitative Methods in Psychology I [1]	
PSYC 5314	Quantitative Methods in Psychology II [1]	
HDFS 6143	Structural Equation Modeling for HDFS Applications	
Hours Subtotal		**9**
Electives in Human Development and Family Science		
Select 9 credit hours in HDFS from the following courses or approved by advisor.		9
HDFS 5153	Policy in Human Development and Family Science	
HDFS 5273	Parent Education	
HDFS 5283	Developmental Disabilities	
HDFS 5493	Aging and Diverse Families	
HDFS 5513	Issues in Family Science	
HDFS 5563	Community and Family	
Hours Subtotal		**9**
Thesis		
HDFS 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

[1] If PSYC 5304 and PSYC 5314 are selected, total hours required for degree are increased by two.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Human Development and Family Science: Early Childhood Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Early Childhood Education Core		
HDFS 5323	Issues in Early Childhood	3
HDFS 5333	Early Childhood Education History and Theory	3
HDFS 5353	Diversity in Early Childhood	3
Human Development and Family Science Core		
HDFS 5213	Lifespan Development	3
or HDFS 5293	Human Development Theory	
HDFS 5523	Family Theory	3
Research Methods and Statistics		
HDFS 5123	Research Methods and Design in HDFS	3
Electives (3 hrs for thesis option)		
Selected elective courses in HDFS or approved by advisor.		3
HDFS 5543	Family Crisis and Trauma	
HDFS 5553	Perspectives on Parenting and Parent Education	
HDFS 5563	Community and Family	
HDFS 6273	Parent-Child Relations	
HDFS 5363	Early Childhood Development and Education	
Individual Research (thesis option only)		
(Requires MS Advisory Committee Approval)		
HDFS 5000	Master's Thesis	6
REMS 5953	Statistical Methods in Education (or Committee approved equivalent)	3
or STAT 5013	Statistics for Experimenters I	
Total Hours		**30**

Non-Thesis Option

Total Hours: 30

Code	Title	Hours
Early Childhood Education Core		
HDFS 5323	Issues in Early Childhood	3
HDFS 5333	Early Childhood Education History and Theory	3
HDFS 5353	Diversity in Early Childhood	3
Human Development and Family Science Core		
HDFS 5213	Lifespan Development	3
or HDFS 5293	Human Development Theory	
HDFS 5523	Family Theory	3
Research Methods and Statistics		
HDFS 5123	Research Methods and Design in HDFS	3
Electives		
Selected elective courses in HDFS or approved by advisor.		12
HDFS 5543	Family Crisis and Trauma	
HDFS 5563	Community and Family	
HDFS 5553	Perspectives on Parenting and Parent Education	
HDFS 5363	Early Childhood Development and Education (*For non-thesis option, this course will include a final report, portfolio, or capstone project.)	
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Human Development and Family Science: Marriage and Family Therapy, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 60

Code	Title	Hours
Required Courses		
AREA I. Theoretical Foundations		
HDFS 5613	Theoretical Models of Marriage and Family Therapy	3
HDFS 5623	Systems Theory and Applications to the Family	3
AREA II. Clinical Practice		
HDFS 5603	Pre-Practicum in Marriage and Family Therapy: Counseling Skills	3
HDFS 5633	Couples Treatment in Marriage and Family Therapy	3
HDFS 5643	Child and Adolescent Treatment in Marriage and Family Therapy	3
HDFS 5653	Systemic Approaches to Psychopathology and Psychopharmacology	3
AREA III. Individual Development and Family Relations		
HDFS 5213	Lifespan Development	3
HDFS 5523	Family Theory	3
HDFS 5543	Family Crisis and Trauma	3
HDFS 5583	Human Sexuality	3
HDFS 5503	Family Diversity	3
AREA IV. Professional Identity and Ethics		
HDFS 5663	Professionalism and Ethics in Marriage and Family Therapy	3
Standard Curriculum Clinical Experience Requirements		
HDFS 5690	Marriage and Family Therapy Practicum (Minimum of 15 months of practicum experience required and a minimum of 400 client contact hours.) [1]	12
AREA V. Research		
HDFS 5123	Research Methods and Design in HDFS	3
Area VI. Additional Learning		
All students are required to complete either thesis (6 hours of HDFS 5000 Masters Research and an advisor-approved statistics/research methods course) or complete a creative component (HDFS 5160) and six additional hours of elective courses.		
HDFS 5000	Master's Thesis	6
Select 3 hours from the following:		3
REMS 5953	Statistical Methods in Education	
STAT 5013	Statistics for Experimenters I	
Committee-approved equivalent		
Total Hours		**60**

[1] Total hours for HDFS 5690 can range from 12-15. Any hours beyond 12 for this course increase the total hours required for this degree.

Non-Thesis Option

Total Hours: 60

Code	Title	Hours
Required Courses		
AREA I. Theoretical Foundations		
HDFS 5613	Theoretical Models of Marriage and Family Therapy	3
HDFS 5623	Systems Theory and Applications to the Family	3
AREA II. Clinical Practice		
HDFS 5603	Pre-Practicum in Marriage and Family Therapy: Counseling Skills	3
HDFS 5633	Couples Treatment in Marriage and Family Therapy	3
HDFS 5643	Child and Adolescent Treatment in Marriage and Family Therapy	3
HDFS 5653	Systemic Approaches to Psychopathology and Psychopharmacology	3
AREA III. Individual Development and Family Relations		
HDFS 5213	Lifespan Development	3
HDFS 5523	Family Theory	3
HDFS 5543	Family Crisis and Trauma	3
HDFS 5583	Human Sexuality	3
HDFS 5503	Family Diversity	3
AREA IV. Professional Identity and Ethics		
HDFS 5663	Professionalism and Ethics in Marriage and Family Therapy	3
Standard Curriculum Clinical Experience Requirements		
(minimum of 12 hours)		
HDFS 5690	Marriage and Family Therapy Practicum (Minimum of 15 months of practicum experience required and a minimum of 400 client contact hours.) [1]	12
AREA V. Research		
HDFS 5123	Research Methods and Design in HDFS	3
Area VI. Additional Learning		
All students are required to complete either thesis (6 hours of HDFS 5000 Masters Research and an advisor-approved statistics/research methods course) or complete a creative component (HDFS 5160) and six additional hours of elective courses.		
HDFS 5160	Master's Creative Component	3
Select two 3-credit hours courses of advisor-approved electives.		6
Total Hours		**60**

[1] Total hours for HDFS 5690 can range from 12-15. Any hours beyond 12 for this course increase the total hours required for this degree.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Industrial Engineering and Management, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
Track Core		
Select 12 approved hours.		12
Select 6 hours of track supporting courses.		6
Hours Subtotal		**18**
Thesis		
IEM 5000	Master's Research and Thesis	6
Hours Subtotal		**6**
Electives		
Select 6 hours of graduate courses approved by the advisory committee.		6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Required Courses		
Track Core Courses		
Select 12 approved hours.		12
Select 12 hours of track-supporting courses.		12
Hours Subtotal		**24**
Electives		
Select one of the three options		9
Coursework Only Option (9 hours)		
Select 9 hours of graduate courses approved by the advisory committee.		
Independent Study Option (9 hours)		
Select 6 hours of graduate courses approved by the advisory committee.		
IEM 5350	Industrial Engineering Problems	
Internship/Practicum Option (9 hours)		
Select 3 to 6 hours of IEM 5020		
IEM 5020	Graduate Engineering Practicum	
Select 3-6 hours from graduate courses approved by the advisory committee.		
Hours Subtotal		**9**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Industrial Engineering and Management: Operations Research and Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Common Core		
IEM 5003	Probability and Statistics for Engineers	3
IEM 5013	Introduction to Optimization	3
IEM 5703	Discrete System Simulation	3
Hours Subtotal		**9**
Specialty Core Courses		
IEM 5063	Network Optimization	3
IEM 5133	Stochastic Processes	3
IEM 5723	Data, Process and Object Modeling	3
Hours Subtotal		**9**
Electives		
Select six hours (including at least one IEM graduate-level course)		6
Hours Subtotal		**6**
Thesis		
IEM 5000	Master's Research and Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Common Core		
IEM 5003	Probability and Statistics for Engineers	3
IEM 5013	Introduction to Optimization	3
IEM 5703	Discrete System Simulation	3
Hours Subtotal		**9**
Specialty Core Courses		
IEM 5063	Network Optimization	3
IEM 5133	Stochastic Processes	3
IEM 5723	Data, Process and Object Modeling	3
Hours Subtotal		**9**
Electives		
Select six hours (including at least one IEM graduate-level course)		6
Hours Subtotal		**6**
Additional Requirements		
Select one of the following options:		9
Option 1		
9 hours of additional approved electives		
Option 2		
IEM 5350	Industrial Engineering Problems	
6 hours of additional approved electives		
Option 3		
3-6 hours of IEM 5020 and/or IEM 5030 plus additional electives to equal 9 hours		
Hours Subtotal		**9**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Industrial Engineering and Management: Supply Chain and Logistics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Common Core		
IEM 5003	Probability and Statistics for Engineers	3
IEM 5013	Introduction to Optimization	3
IEM 5703	Discrete System Simulation	3
Hours Subtotal		**9**
Specialty Core Courses		
IEM 5203	Facility Location, Warehousing and Transportation	3
IEM 5633	Advanced Production and Inventory Control	3
IEM 5763	Supply Chain Strategy	3
Hours Subtotal		**9**
Electives		
Select six hours (including at least one IEM graduate-level course)		6
Hours Subtotal		**6**
Thesis		
IEM 5000	Master's Research and Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Common Core		
IEM 5003	Probability and Statistics for Engineers	3
IEM 5013	Introduction to Optimization	3
IEM 5703	Discrete System Simulation	3
Hours Subtotal		**9**
Specialty Core Courses		
IEM 5203	Facility Location, Warehousing and Transportation	3
IEM 5633	Advanced Production and Inventory Control	3
IEM 5763	Supply Chain Strategy	3
Hours Subtotal		**9**
Electives		
Select six hours (including at least one IEM graduate-level course)		6
Hours Subtotal		**6**
Additional Requirements		
Select one of the following options:		9
Option 1		
9 hours of additional approved electives		
Option 2		
IEM 5350	Industrial Engineering Problems	
6 hours of additional approved electives		
Option 3		
3-6 hours of IEM 5020 and/or IEM 5030 plus additional electives to equal 9 hours		
Hours Subtotal		**9**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Integrative Biology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Seminar		
Select a minimum of two one-hour approved seminar classes.		2
5000-level or 6000-level courses		
Select a minimum of 22 hours of 5000-level courses or seminars, not including BIOL 5000. [1]		22
Thesis		
BIOL 5000	Research for Master's Thesis	6
Total Hours		**30**

[1] Select a minimum of 15 hours of 5000-level courses or seminars, not including BIOL 5000 from one of the following prefixes: BIOL, MICR, PBIO, NREM, PSYC, ANSI, GEOG, GEOL, RES, ITOX, VBSC, VMED, ENTO, STAT, SMED, REMS, BIOC, MATH, ENVR, CHEM, BIOM, AGEC, AGED, NSCI, PLP, PLNT, HS, HDFS

Formal Report Option

Total Hours: 32

Code	Title	Hours
Seminar		
Select a minimum of two approved seminar classes.		2
5000-level or 6000-level courses		
Select a minimum of 28 hours of 5000-level courses or seminars, not including BIOL 5000. [2]		28
Report		
BIOL 5000	Research for Master's Thesis	2
Total Hours		**32**

[2] Select a minimum of 19 hours of 5000-level courses or seminars, not including BIOL 5000 from one of the following prefixes: BIOL, MICR, PBIO, NREM, PSYC, ANSI, GEOG, GEOL, RES, ITOX, VBSC, VMED, ENTO, STAT, SMED, REMS, BIOC, MATH, ENVR, CHEM, BIOM, AGEC, AGED, NSCI, PLP, PLNT, HS, HDFS

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Interdisciplinary Studies, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Thesis		
6 Hours of Thesis (i.e. 5000 Master's Research and Thesis)		6
Hours Subtotal		**6**
Other Requirements		
Select one graduate research methodology (quantitative, qualitative or mixed-methods related) course as approved by advisory committee		3
Select 21 graduate hours in at least two disciplines (prefixes) as approved by advisory committee		21
Hours Subtotal		**24**
Total Hours		**30**

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Required Coursework		
Select no more than 3 hours of research with a grade of "SR." [1]		1-3
Select one graduate research methodology (quantitative, qualitative or mixed-methods related) course as approved by advisory committee		3
Select 26-28 graduate hours in at least two disciplines (prefixes) as approved by advisory committee		26-28
Total Hours		**32**

[1] May include a culminating experience (e.g., final report, internship, practicum, comprehensive exam, and portfolio or capstone project). Possible courses include such courses in the disciplinary foci the student and advisory committee have selected or GRAD 5990.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

International Agriculture, MAG

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Creative Component Option

Total Hours: 36

Code	Title	Hours
Core Requirements		
AGIN 5312	Applied Issues in International Agriculture and Natural Resources	2
AGIN 5313	Global Food Security and Sustainability	3
AGIN 5113	Global Agricultural Development Communications	3
One of the following applied agricultural practice courses:		**3**
AGIN 5213	Global Agricultural Entrepreneurship	
AGED 5203	Grant Seeking	
AGIN 5800	*International Agriculture Internship Experience* [1, 2]	*4*
AGIN 5801	*International Agricultural Experience Proposal*	*1*
AGIN 5102	*International Agriculture Creative Component*	*2*
Focus area courses:		
Graduate level courses at OSU. Identified by graduate admisory committee.		18
Total Hours		**36**

1 International students may substitute another course for this requirement.
2 Must be a minimum four-week international experience.
3 Could include an additional international experience.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

International Agriculture, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Course Requirements		
AGIN 5312	Applied Issues in International Agriculture and Natural Resources	2
AGIN 5313	Global Food Security and Sustainability	3
AGIN 5113	Global Agricultural Development Communications	3
Select one of the following applied agricultural practice courses:		*3*
AGED 5203	Grant Seeking	
AGIN 5213	Global Agricultural Entrepreneurship	
A total of 12 hours of courses chosen from each of the following areas:		
(1)Focus area courses: Identified with graduate advisory committee (minimum 2 courses)		*6*
(2)Quantitative/Qualitative (choose one)		*3*
ECON 5213	Econometric Analysis	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
STAT 5013	Statistics for Experimenters I	
Or another course approved by graduate advisory committee		
(3)Research Methods (choose one)		*3*
AGEC 5101	Research Methodology	
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	
SOIL 5112	Research Methods in Plant and Soil Sciences	
HORT 5233	Experimental Horticulture	
AGIN 5353	Advanced Case Studies in Agricultural Marketing and International Development	
Or another course approved by graduate advisory committee		
AGIN 5800	International Agriculture Internship Experience [1, 2]	1
AGIN 5000	Master's Thesis/Report in International Agriculture	6
Total Hours		**30**

[1] International students may substitute another course for the international experience requirement.
[2] Must be a minimum four-week international experience.

Formal Report Option

Total Hours: 32

Code	Title	Hours
Course Requirements		
AGIN 5312	Applied Issues in International Agriculture and Natural Resources	2
AGIN 5313	Global Food Security and Sustainability	3
AGIN 5113	Global Agricultural Development Communications	3
Select one of the following applied agricultural practice courses:		*3*
AGIN 5213	Global Agricultural Entrepreneurship	
AGED 5203	Grant Seeking	
AGIN 5801	International Agricultural Experience Proposal	1
A total of 14 hours of courses chosen from each of the following areas:		
(1)Focus area courses: Identified with graduate advisory committee (minimum 2 courses)		*8*
(2)Quantitative/Qualitative (choose one)		*3*
ECON 5213	Econometric Analysis	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
STAT 5013	Statistics for Experimenters I	
Or another course approved by the graduate advisory committee		
(3)Research Methods (choose one)		*3*
AGEC 5101	Research Methodology	
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	
SOIL 5112	Research Methods in Plant and Soil Sciences	
HORT 5233	Experimental Horticulture	
AGIN 5353	Advanced Case Studies in Agricultural Marketing and International Development	
Or another course approved by the graduate advisory committee		
AGIN 5800	International Agriculture Internship Experience [1, 2]	4
AGIN 5000	Master's Thesis/Report in International Agriculture	2
Total Hours		**32**

[1] International students may substitute another course for the international experience requirement.
[2] Must be a minimum four-week international experience.

Creative Component

Total Hours: 32

Code	Title	Hours
Course Requirements		
AGIN 5312	Applied Issues in International Agriculture and Natural Resources	2
AGIN 5313	Global Food Security and Sustainability	3
AGIN 5113	Global Agricultural Development Communications	3
One of the following applied agricultural practice courses:		*3*

AGED 5203	Grant Seeking	
AGIN 5213	Global Agricultural Entrepreneurship	
AGIN 5801	International Agricultural Experience Proposal	1
A total of 14 hours of courses chosen from each of the following areas:		
(1)Focus area courses: Identified with graduate advisory committee (minimum 3 courses)		*8*
(2)Quantitative/Qualitative (choose one)		*3*
ECON 5213	Econometric Analysis	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
STAT 5013	Statistics for Experimenters I	
Or another course approved by the graduate advisory committee		
(3)Research Methods (choose one)		*3*
AGEC 5101	Research Methodology	
AECL 5983	Social Sciences Research in Agricultural Sciences and Natural Resources	
SOIL 5112	Research Methods in Plant and Soil Sciences	
HORT 5233	Experimental Horticulture	
AGIN 5353	Advanced Case Studies in Agricultural Marketing and International Development	
Or another course approved by the graduate advisory committee		
AGIN 5800	International Agriculture Internship Experience [1, 2]	4
AGIN 5102	International Agriculture Creative Component	2
Total Hours		**32**

[1] International students may substitute another course for the international experience requirement.

[2] Must be a minimum four-week international experience.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Management Information Systems, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Degree Core		
Required Courses		
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5213	Cybersecurity Systems Management	3
MSIS 5273	Legal and Ethical Issues in Information Technology	3
MSIS 5633	Predictive Analytics Technologies	3
MSIS 5663	Advanced Data Wrangling	3
MSIS 5693	Digital Transformation Strategy	3
MSIS 5713	Scripting Essentials	3
MSIS 5900	Practicum in Management Information Systems (Part-time students can replace with alternative 5000-level course)	3
Hours Subtotal		**24**
Electives [1]		
Select 6 Hours of Electives		6
Suggested Electives		
MSIS 5033	Information Systems Project Management	
MSIS 5123	Enterprise Resource Planning	
MSIS 5133	Advanced Web Based Application Development	
MSIS 5203	Advanced Infrastructure Development	
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5303	Prescriptive Analytics	
MSIS 5413	Advanced Data Science Applications	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
MSIS 5950	Advanced Practicum	
Hours Subtotal		**6**
Total Hours		**30**

[1] Appropriate substitutes, such as other graduate-level Spears School of Business courses or graduate-level courses from other colleges, can be made on a case-by-case basis.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Management Information Systems: Big Data Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Common Core		
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5213	Cybersecurity Systems Management	3
MSIS 5273	Legal and Ethical Issues in Information Technology	3
MSIS 5633	Predictive Analytics Technologies	3
MSIS 5663	Advanced Data Wrangling	3
MSIS 5693	Digital Transformation Strategy	3
MSIS 5713	Scripting Essentials	3
MSIS 5900	Practicum in Management Information Systems (Part-time students can replace with alternative 5000-level course)	3
Hours Subtotal		**24**
Electives		
Select 6 hours from the following:		6
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5303	Prescriptive Analytics	
MSIS 5313	Supply Chain Analytics	
MSIS 5413	Advanced Data Science Applications	
MSIS 5503	Statistics for Data Science	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
Appropriate substitutions can be made on a case-by-case basis.		
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Management Information Systems: Cybersecurity, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Common Core		
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5213	Cybersecurity Systems Management	3
MSIS 5273	Legal and Ethical Issues in Information Technology	3
MSIS 5633	Predictive Analytics Technologies	3
MSIS 5663	Advanced Data Wrangling	3
MSIS 5693	Digital Transformation Strategy	3
MSIS 5713	Scripting Essentials	3
MSIS 5900	Practicum in Management Information Systems (Part-time students can replace with alternative 5000-level course)	3
Hours Subtotal		**24**
Electives		
Select 6 hours from the following:		6
MSIS 5203	Advanced Infrastructure Development	
MSIS 5233	Advanced Applied Ethical Hacking	
MSIS 5243	Information Technology Forensics and Incident Response	
MSIS 5253	Advanced System Certification and Accreditation	
Appropriate substitutions can be made on a case-by-case basis.		
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Management Information Systems: Health Analytics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Common Core		
MSIS 5193	Programming for Data Science and Analytics I	3
MSIS 5213	Cybersecurity Systems Management	3
MSIS 5273	Legal and Ethical Issues in Information Technology	3
MSIS 5633	Predictive Analytics Technologies	3
MSIS 5663	Advanced Data Wrangling	3
MSIS 5693	Digital Transformation Strategy	3
MSIS 5713	Scripting Essentials	3
MSIS 5900	Practicum in Management Information Systems (Part-time students can replace with alternative 5000-level course)	3
Hours Subtotal		**24**
Health Analytics Requirements		
HCA 5013	Survey of Health Care Administration	3
Hours Subtotal		**3**
Electives		
Select 3 hours from the following:		3
MSIS 5223	Programming for Data Science and Analytics II	
MSIS 5303	Prescriptive Analytics	
MSIS 5313	Supply Chain Analytics	
MSIS 5673	Descriptive Analytics and Visualization	
MSIS 5683	Advanced Analytics Technologies	
Appropriate substitutions can be made on a case-by-case basis.		
Hours Subtotal		**3**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Mass Communications, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 31

Code	Title	Hours
Core Courses		
MC 5651	Introduction to Graduate Study in Mass Communications	1
MC 5113	Methods of Research in Mass Communication	3
MC 5333	Media Theory	3
MC 5733	Responsibility in Mass Communication	3
Hours Subtotal		**10**
Select 15 hours from:		15
MC 5040	Media International Experience	
MC 5083	Course MC 5083 Not Found	
MC 5143	Diversity In Sports Media	
MC 5163	Mass Communication Law	
MC 5183	Brand Strategy	
MC 5223	Mass Communication Research Analysis and Interpretation [1]	
MC 5253	International Mass Communication	
MC 5283	Citizen Branding	
MC 5323	Nation Branding	
MC 5383	Media Relations	
MC 5443	Sports Branding	
MC 5483	Nonprofit Branding	
MC 5503	Graduate Internship in Media	
MC 5520	Specialized Strategic Communications Applications	
MC 5540	Specialized Multimedia Journalism Applications	
MC 5560	Specialized Sports Media Applications	
MC 5603	Integrated Marketing Communication	
MC 5613	Storytellers Studio	
MC 5693	Media Analytics	
MC 5753	Media And Elections	
MC 5770	Seminar in Communication Media	
MC 5773	Censorship	
MC 5843	Sport Fanship	
MC 5883	Media Management	
MC 5933	Theories of Persuasion	
MC 5953	Strategic Health Communications Campaigns	
MC 5030	Independent Study in Mass Communication	
Other approved graduate-level electives (6 hours max)		
Hours Subtotal		**15**
Thesis		
MC 5000	Thesis	6
Hours Subtotal		**6**
Total Hours		**31**

[1] An advanced research course is required for thesis track.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Courses		
MC 5651	Introduction to Graduate Study in Mass Communications	1
MC 5113	Methods of Research in Mass Communication	3
MC 5333	Media Theory	3
MC 5733	Responsibility in Mass Communication	3
Hours Subtotal		**10**
Select 15 hours from:		15
MC 5040	Media International Experience	
MC 5083	Course MC 5083 Not Found	
MC 5143	Diversity In Sports Media	
MC 5163	Mass Communication Law	
MC 5183	Brand Strategy	
MC 5223	Mass Communication Research Analysis and Interpretation	
MC 5253	International Mass Communication	
MC 5323	Nation Branding	
MC 5283	Citizen Branding	
MC 5383	Media Relations	
MC 5443	Sports Branding	
MC 5483	Nonprofit Branding	
MC 5503	Graduate Internship in Media	
MC 5520	Specialized Strategic Communications Applications	
MC 5540	Specialized Multimedia Journalism Applications	
MC 5560	Specialized Sports Media Applications	
MC 5603	Integrated Marketing Communication	
MC 5613	Storytellers Studio	
MC 5693	Media Analytics	
MC 5753	Media And Elections	
MC 5770	Seminar in Communication Media	
MC 5773	Censorship	
MC 5843	Sport Fanship	
MC 5883	Media Management	
MC 5933	Theories of Persuasion	
MC 5953	Strategic Health Communications Campaigns	
MC 5030	Independent Study in Mass Communication	
Other approved graduate-level electives (6 hours max)		
Hours Subtotal		**15**

Non-Thesis Options		
Select one from the following degree completion options (7 hours each):		7
Creative Component:		
Additional MC Elective (3 graduate MC hours from list above)		
MC 5001	Capstone Project Prep	
MC 5010	Capstone Creative Project (3 hours)	
Practicum:		
MC 5020	Practicum in Mass Communication (6 hours)	
MC 5011	Experience Report	
Study Abroad:		
MC 5011	Experience Report	
MC 5040	Media International Experience (6 hours)	
Hours Subtotal		**7**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Materials Science and Engineering, MEN

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Core Courses		
MSE 5013	Advanced Thermodynamics of Materials	3
MSE 5023	Diffusion and Kinetics	3
MSE 5043	Advanced Materials Characterization	3
MSE 5093	Fundamentals of Materials Science	3
MSE 5193	Advanced Materials Processing	3
Hours Subtotal		**15**
Electives		
Select 15 hours from the following:		15
MSE 5053	Smart Materials	
MSE 5123	Advanced Composites Manufacturing: Materials, Methods and Applications	
MSE 5153	Crystal Physics and Materials Properties	
MSE 5063	Biomedical Materials	
MSE 5073	Tissue Engineering	
MSE 5103	Electrical and Optical Properties of Ceramics	
MSE 5133	Solid Oxide Fuel Cells	
MSE 5143	Batteries and Supercapacitors for Energy Storage	
MSE 5583	Corrosion Engineering	
or MAE 5583	Corrosion Engineering	
MSE 5553	Fatigue and Fracture	
or MAE 5553	Fatigue and Fracture Mechanics	
MSE 5683	Thermodynamics and Thermostatistics of Materials (Introductory UG Material Science course or equivalent)	
or MAE 5683	Thermodynamics and Thermostatistics of Materials	
MSE 5200	Applied Innovation I	
or EEE 5200	Special Topics in Entrepreneurship	
MSE 5223	Additive Manufacturing: Materials, Methods and Applications	
MAE 5503	Mechanics of Advanced Composites for Structural Design	
MAE 5543	Modern Materials	
ECEN 5843	Microelectronic Fabrication	
ECEN 6843	Advanced Microelectronic Fabrication	
MAE 5003	Advanced Biomaterials Science and Engineering	
Chemistry		
CHEM 5223	Polymer Chemistry	
CHEM 5263	Foundations of Inorganic Chemistry	
CHEM 5283	Solid State Chemistry	
CHEM 6113	Analytical Spectroscopy	
CHEM 5613	Chemistry I	
CHEM 5960	Inorganic Chemistry II	
Physics		
PHYS 5613	Quantum Mechanics I	
PHYS 5663	Solid State Physics I	
PHYS 5713	Solid State Physics II	
PHYS 5960	Problems in Chemical Physics	
PHYS 6243	Semiconductors I	
PHYS 6313	Quantum Mechanics II	
Biological/Health Science		
BIOM 6175	Molcular And Cellular Biology	
Chemical Engineering		
CHE 5283	Advanced Bioprocess Engineering	
CHE 5293	Advanced Biomedical Engineering	
Electrical & Computer Engineering		
ECEN 6840	Photonics III: Microscopy I	
ECEN 6843	Advanced Microelectronic Fabrication	
ECEN 6850	Photonics III: Microscopy II	
ECEN 6860	Photonics III: Microscopy III and Image Processing	
ECEN 6890	Photonics IV: Semiconductor Synthesis and Devices III	
Mechanical & Aerospace Engineering		
MAE 5143	Tribology	
MAE 5243	Micro Flows	
MAE 5573	Continuum Mechanics	
MAE 5633	Advanced Thermal Energy Systems Analysis	
MAE 5993	Microstructural Mechanics	
MAE 6133	Surface Mechanics	
Graduate courses from other disciplines may be allowed but will require approval of the student's Graduate Advisory Committee and the MSE Graduate Program Coordinator prior to enrollment.		
Hours Subtotal		**15**
MSE 5022	Masters of Engineering Capstone Project	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Materials Science and Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
MSE 5010	Materials Science and Engineering Seminar for Masters Students	0
MSE 5013	Advanced Thermodynamics of Materials	3
MSE 5023	Diffusion and Kinetics	3
MSE 5043	Advanced Materials Characterization	3
MSE 5093	Fundamentals of Materials Science	3
MSE 5193	Advanced Materials Processing	3
Hours Subtotal		**15**
Electives		
Select 9 hours of the following:		9
MSE 5030	Independent Study in Materials Science and Engineering	
MSE 5053	Smart Materials	
MSE 5063	Biomedical Materials	
MSE 5073	Tissue Engineering	
MSE 5093	Fundamentals of Materials Science [1]	
MSE 5103	Electrical and Optical Properties of Ceramics	
MSE 5113	Diffraction in Materials	
or MAE 5113	Diffraction in Materials	
MSE 5123	Advanced Composites Manufacturing: Materials, Methods and Applications	
MSE 5133	Solid Oxide Fuel Cells	
MSE 5143	Batteries and Supercapacitors for Energy Storage	
MSE 5153	Crystal Physics and Materials Properties	
MSE 5173	Organic Electronic Materials and Devices	
MSE 5174	Fundamentals of Photovoltaics	
MSE 5193	Advanced Materials Processing [1]	
MSE 5200	Applied Innovation I	
or EEE 5200	Special Topics in Entrepreneurship	
MSE 5223	Additive Manufacturing: Materials, Methods and Applications	
MSE 5553	Fatigue and Fracture	
MSE 5583	Corrosion Engineering	
or MAE 5583	Corrosion Engineering	
MSE 5693	Phase Transformations in Materials	
or MAE 5693	Phase Transformations in Materials	
MSE 5683	Thermodynamics and Thermostatistics of Materials	
or MAE 5683	Thermodynamics and Thermostatistics of Materials	
MAE 5503	Mechanics of Advanced Composites for Structural Design	
MAE 5543	Modern Materials	
ECEN 5843	Microelectronic Fabrication	
ECEN 6843	Advanced Microelectronic Fabrication	
The following related MS&E graduate courses currently offered in various departments at OSU are also available to satisfy degree requirements. MSE program approval will be required for registration		
Chemistry		
CHEM 5223	Polymer Chemistry	
CHEM 5263	Foundations of Inorganic Chemistry	
CHEM 5283	Solid State Chemistry	
CHEM 6113	Analytical Spectroscopy	
CHEM 5623	Quantum Chemistry I	
CHEM 5963	Advanced Inorganic Chemistry	
Physics		
PHYS 5613	Quantum Mechanics I	
PHYS 5663	Solid State Physics I	
PHYS 5713	Solid State Physics II	
PHYS 5960	Problems in Chemical Physics	
PHYS 6243	Semiconductors I	
PHYS 6313	Quantum Mechanics II	
Biological/Health Science		
BIOM 6175	Molcular And Cellular Biology	
Chemical Engineering		
CHE 5283	Advanced Bioprocess Engineering	
CHE 5293	Advanced Biomedical Engineering	
Electrical and Computer Engineering		
ECEN 6840	Photonics III: Microscopy I	
ECEN 6843	Advanced Microelectronic Fabrication	
ECEN 6840	Photonics III: Microscopy I	
ECEN 6850	Photonics III: Microscopy II	
ECEN 6860	Photonics III: Microscopy III and Image Processing	
ECEN 6890	Photonics IV: Semiconductor Synthesis and Devices III	
Mechanical and Aerospace Engineering		
MAE 5143	Tribology	
MAE 5243	Micro Flows	
MAE 5573	Continuum Mechanics	
MAE 5633	Advanced Thermal Energy Systems Analysis	
MAE 5993	Microstructural Mechanics	
MAE 6133	Surface Mechanics	
Hours Subtotal		**9**
Thesis Research		
6 hours of MSE 5000		6
Hours Subtotal		**6**
Total Hours		**30**

[1] With departmental approval, these courses may be substituted for a required MSE course.

Non-Thesis Option

Total Hours: 35

Code	Title	Hours
Required Courses		
MSE 5010	Materials Science and Engineering Seminar for Masters Students	0
MSE 5013	Advanced Thermodynamics of Materials	3
MSE 5023	Diffusion and Kinetics	3
MSE 5043	Advanced Materials Characterization	3
MSE 5093	Fundamentals of Materials Science	3
MSE 5193	Advanced Materials Processing	3
Hours Subtotal		**15**
Electives		
Select 18 hours of the following:		18
Materials Science and Engineering		
MSE 5030	Independent Study in Materials Science and Engineering	
MSE 5053	Smart Materials	
MSE 5063	Biomedical Materials	
MSE 5073	Tissue Engineering	
MSE 5093	Fundamentals of Materials Science [1]	
MSE 5103	Electrical and Optical Properties of Ceramics	
MSE 5113	Diffraction in Materials	
or MAE 5113	Diffraction in Materials	
MSE 5123	Advanced Composites Manufacturing: Materials, Methods and Applications	
MSE 5133	Solid Oxide Fuel Cells	
MSE 5143	Batteries and Supercapacitors for Energy Storage	
MSE 5153	Crystal Physics and Materials Properties	
MSE 5173	Organic Electronic Materials and Devices	
MSE 5174	Fundamentals of Photovoltaics	
MSE 5193	Advanced Materials Processing [1]	
MSE 5200	Applied Innovation I	
or EEE 5200	Special Topics in Entrepreneurship	
MSE 5223	Additive Manufacturing: Materials, Methods and Applications	
MSE 5553	Fatigue and Fracture	
MSE 5583	Corrosion Engineering	
or MAE 5583	Corrosion Engineering	
MSE 5693	Phase Transformations in Materials	
or MAE 5693	Phase Transformations in Materials	
MSE 5683	Thermodynamics and Thermostatistics of Materials	
or MAE 5683	Thermodynamics and Thermostatistics of Materials	
MAE 5543	Modern Materials	
ECEN 5843	Microelectronic Fabrication	
ECEN 6843	Advanced Microelectronic Fabrication	
The following related MS&E graduate courses currently offered in various departments at OSU are also available to satisfy degree requirements. MSE program approval will be required for registration		
Chemistry		
CHEM 5223	Polymer Chemistry	
CHEM 5263	Foundations of Inorganic Chemistry	
CHEM 5283	Solid State Chemistry	
CHEM 6113	Analytical Spectroscopy	
CHEM 5623	Quantum Chemistry I	
CHEM 5963	Advanced Inorganic Chemistry	
Physics		
PHYS 5613	Quantum Mechanics I	
PHYS 5663	Solid State Physics I	
PHYS 5713	Solid State Physics II	
PHYS 5960	Problems in Chemical Physics	
PHYS 6243	Semiconductors I	
PHYS 6313	Quantum Mechanics II	
Biological/ Health Science		
BIOM 6175	Molcular And Cellular Biology	
Chemical Engineering		
CHE 5283	Advanced Bioprocess Engineering	
CHE 5293	Advanced Biomedical Engineering	
Electrical and Computer Engineering		
ECEN 6843	Advanced Microelectronic Fabrication	
ECEN 6840	Photonics III: Microscopy I	
ECEN 6850	Photonics III: Microscopy II	
ECEN 6860	Photonics III: Microscopy III and Image Processing	
ECEN 6890	Photonics IV: Semiconductor Synthesis and Devices III	
Mechanical and Aerospace Engineering		
MAE 5143	Tribology	
MAE 5243	Micro Flows	
MAE 5573	Continuum Mechanics	
MAE 5633	Advanced Thermal Energy Systems Analysis	
MAE 5993	Microstructural Mechanics	
MAE 6133	Surface Mechanics	
Independent Study		
2 hours required		2
Hours Subtotal		**20**
Total Hours		**35**

[1] With departmental approval, these courses may be substituted for a required MSE course.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic

regulations for minimal GPA, language proficiency and other general requirements.

Mathematics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
Choose one of the following tracks:		18
Applied Track		
Select one of the following two courses:		
MATH 5023	Advanced Linear Algebra	
MATH 5043	Advanced Calculus I	
Select one of the following two courses:		
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5553	Numerical Analysis for Linear Algebra	
Select four of the following courses:		
MATH 5203	Intermediate Differential Equations	
MATH 5513	Introduction to Numerical Analysis	
MATH 5503	Introduction to Optimization	
MATH 5213	Fourier Analysis and Wavelets	
MATH 5233	Partial Differential Equations	
MATH 5243	Ordinary Differential Equations	
MATH 5253	Advanced Ordinary Differential Equations	
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5553	Numerical Analysis for Linear Algebra	
MATH 5563	Finite Element Methods for Partial Differential Equations	
MATH 5580	Case Studies in Applied Mathematics	
MATH 5593	Methods of Applied Mathematics	
Pure Track		
Option 1		
Required:		
MATH 5043	Advanced Calculus I	
MATH 5053	Advanced Calculus II	
MATH 5003	Abstract Algebra I	
MATH 5013	Abstract Algebra II	
MATH 5303	General Topology	
MATH 5273	Functions of a Complex Variable	
Option 2		
Required:		
MATH 5043	Advanced Calculus I	
MATH 5053	Advanced Calculus II	
MATH 5003	Abstract Algebra I	
MATH 5013	Abstract Algebra II	
Select two of the following courses:		
MATH 5143	Real Analysis I	
MATH 5153	Real Analysis II	
MATH 5283	Complex Analysis I	
MATH 5293	Complex Analysis II	
MATH 5313	Geometric Topology	
MATH 6323	Algebraic Topology I	
MATH 5613	Algebra I	
MATH 5623	Algebra II	
Math Education Track		
Basic areas:		
Analysis		
Select one of the following:		
MATH 5083	Intermediate Analysis	
MATH 5043	Advanced Calculus I	
Algebra/Number Theory		
Select one of the following:		
MATH 5003	Abstract Algebra I	
MATH 5013	Abstract Algebra II	
MATH 5023	Advanced Linear Algebra	
MATH 5713	Number Theory	
MATH 5803	Groups and Representations	
Mathematics Education		
Required:		
MATH 5913	Introduction to Research in Mathematics Education	
MATH 5893	Advanced Perspectives on Secondary and Collegiate Mathematics	
Topical Areas:		
Select 6 hours from the following, with 3 hours from two of the topical areas listed below.		
Analysis and Differential Equations:		
MATH 5043	Advanced Calculus I (if not selected above)	
MATH 5053	Advanced Calculus II	
MATH 5203	Intermediate Differential Equations	
MATH 5263	Introduction to Partial Differential Equations	
MATH 5513	Introduction to Numerical Analysis	
Algebra and Discrete Mathematics		
MATH 5503	Introduction to Optimization	
MATH 5673	Combinatorics	
MATH 5753	Introduction to Cryptography	
or 3 hours of a course listed above under Algebra/Number Theory which was not used to meet that requirement.		
Geometry:		
MATH 5403	Geometry	
MATH 5423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 5443	Differential Geometry of Curves and Surfaces	
Statistics:		
STAT 5013	Statistics for Experimenters I	
STAT 5023	Statistics for Experimenters II	
STAT 5043	Sample Survey Designs	
STAT 5123	Probability Theory	
STAT 5253	Mathematical Statistics I	

STAT 5543	Applied Regression Analysis	
Hours Subtotal		**18**
Additional Graduate Courses		
Electives		
Select 9 hours of electives (no more than 6 hours can be outside MATH, STAT or CS).		9
Thesis/Report		
MATH 5000	Master's Research and Thesis	6
Hours Subtotal		**15**
Total Hours		**33**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
Choose one of the following tracks:		18
Applied Track		
Select one of the following two courses:		
MATH 5023	Advanced Linear Algebra	
MATH 5043	Advanced Calculus I	
Select one of the following two courses:		
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5553	Numerical Analysis for Linear Algebra	
Select four of the following courses:		
MATH 5203	Intermediate Differential Equations	
MATH 5513	Introduction to Numerical Analysis	
MATH 5503	Introduction to Optimization	
MATH 5213	Fourier Analysis and Wavelets	
MATH 5233	Partial Differential Equations	
MATH 5243	Ordinary Differential Equations	
MATH 5253	Advanced Ordinary Differential Equations	
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5553	Numerical Analysis for Linear Algebra	
MATH 5563	Finite Element Methods for Partial Differential Equations	
MATH 5580	Case Studies in Applied Mathematics	
MATH 5593	Methods of Applied Mathematics	
Pure Track		
Option 1		
Required:		
MATH 5043	Advanced Calculus I	
MATH 5053	Advanced Calculus II	
MATH 5003	Abstract Algebra I	
MATH 5013	Abstract Algebra II	
MATH 5303	General Topology	
MATH 5273	Functions of a Complex Variable	
Option 2		
Required:		
MATH 5043	Advanced Calculus I	
MATH 5053	Advanced Calculus II	
MATH 5003	Abstract Algebra I	
MATH 5013	Abstract Algebra II	
Select two of the following courses:		
MATH 5143	Real Analysis I	
MATH 5153	Real Analysis II	
MATH 5283	Complex Analysis I	
MATH 5293	Complex Analysis II	
MATH 5313	Geometric Topology	
MATH 6323	Algebraic Topology I	
MATH 5613	Algebra I	
MATH 5623	Algebra II	
Math Education Track		
Basic areas:		
Analysis		
Select one of the following:		
MATH 5083	Intermediate Analysis	
MATH 5043	Advanced Calculus I	
Algebra/Number Theory		
Select one of the following:		
MATH 5003	Abstract Algebra I	
MATH 5013	Abstract Algebra II	
MATH 5023	Advanced Linear Algebra	
MATH 5713	Number Theory	
MATH 5803	Groups and Representations	
Mathematics Education		
Required:		
MATH 5913	Introduction to Research in Mathematics Education	
MATH 5893	Advanced Perspectives on Secondary and Collegiate Mathematics	
Topical Areas:		
Select 6 hours from the following, with 3 hours from two of the topical areas listed below.		
Analysis and Differential Equations:		
MATH 5043	Advanced Calculus I (if not selected above)	
MATH 5053	Advanced Calculus II	
MATH 5203	Intermediate Differential Equations	
MATH 5263	Introduction to Partial Differential Equations	
MATH 5513	Introduction to Numerical Analysis	
Algebra and Discrete Mathematics		
MATH 5503	Introduction to Optimization	
MATH 5673	Combinatorics	
MATH 5753	Introduction to Cryptography	
or 3 hours of a course listed above under Algebra/Number Theory which was not used to meet that requirement.		
Geometry:		
MATH 5403	Geometry	
MATH 5423	Geometry and Algorithms in Three-Dimensional Modeling	
MATH 5443	Differential Geometry of Curves and Surfaces	
Statistics:		

STAT 5013	Statistics for Experimenters I	
STAT 5023	Statistics for Experimenters II	
STAT 5043	Sample Survey Designs	
STAT 5123	Probability Theory	
STAT 5253	Mathematical Statistics I	
STAT 5543	Applied Regression Analysis	
Hours Subtotal		**18**
Additional Graduate Courses		
Electives		
Select 12 hours of electives (no more than 6 hours can be outside MATH, STAT or CS).		12
Thesis/Report		
MATH 5000	Master's Research and Thesis	3
Hours Subtotal		**15**
Total Hours		**33**

MS enroute to PhD option

Total Hours: 33

Code	Title	Hours
Student must be actively enrolled in PhD program in Mathematics at OSU. Student must have not already earned a MS degree in Mathematics at OSU.		
Core Courses		
Select 15 hours from one of the following tracks:		15
Applied Track		
MATH 5553	Numerical Analysis for Linear Algebra	
MATH 5143	Real Analysis I	
MATH 5283	Complex Analysis I	
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5233	Partial Differential Equations	
Pure Track		
MATH 5023	Advanced Linear Algebra	
MATH 5143	Real Analysis I	
MATH 5283	Complex Analysis I	
MATH 5613	Algebra I	
MATH 5313	Geometric Topology	
Math Education Track		
MATH 5023	Advanced Linear Algebra	
Select 9 hours from the following:		
MATH 5143	Real Analysis I	
MATH 5283	Complex Analysis I	
MATH 5613	Algebra I	
MATH 5313	Geometric Topology	
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5233	Partial Differential Equations	
Select one of the following:		
STAT 5023	Statistics for Experimenters II	
STAT 5063	Statistical Machine Learning with R	
Hours Subtotal		**15**
Additional Math Courses		**12**
Select 12 hours from track used for core courses.		
Applied track		
In addition to the core courses select 12 hours of graduate courses in the mathematical sciences (mathematics, statistics, or computer science).		
Pure track		
In addition to the core courses select 12 hours of graduate courses in the mathematical sciences (mathematics, statistics, or computer science).		
Math Education track		
MATH 5913	Introduction to Research in Mathematics Education	
MATH 6923	Research in Undergraduate Mathematics Education	
Select 6 hours from the following:		
SCFD 6113	Theoretical Foundations of Inquiry	
SCFD 6123	Qualitative Research I	
EPSY 5463	Psychology of Learning	
REMS 5953	Statistical Methods in Education	
Hours Subtotal		**12**
Preliminary Research Project		**6**
MATH 6090	Doctoral Research Project	
Hours Subtotal		**6**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Mechanical and Aerospace Engineering, MEN

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Required Core		
Select 21 credit hours of MAE courses (5000- and 6000-level) that are approved for graduate credit.		21
Technical Electives		
Select 9 hours of graduate-level courses in BAE/CIVE/CHE/ECEN/IEM/MAE/MATH/MSE/PETE with the approval of the student's Graduate Advisory Committee and the MAE Graduate Coordinator. [1]		9
Capstone		
The Capstone requirement will be satisfied by enrollment in MAE 5010 and will require a term project or creative requirement.		
MAE 5010	Mechanical and Aerospace Engineering Projects	3
Total Hours		**33**

[1] Graduate courses from other disciplines may be allowed but will require approval of the student's Graduate Advisory Committee and the MAE Graduate Coordinator prior to enrollment.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Mechanical and Aerospace Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
Select 18 hours of MAE Graduate-Level Courses		18
Hours Subtotal		**18**
Technical Elective		
Select 6 hours		6
Hours Subtotal		**6**
Research Hours		
MAE 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 33

Code	Title	Hours
Required Courses		
Select 21 hours of MAE Graduate-Level Courses		21
Hours Subtotal		**21**
Technical Elective		
Select 9 hours		9
Hours Subtotal		**9**
Capstone Experience		
MAE 5010	Mechanical and Aerospace Engineering Projects	3
Hours Subtotal		**3**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Mechanical and Aerospace Engineering: Unmanned Aerial Systems, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Unmanned Aerial Systems Core:		
Select 12 hours from the following:		12
MAE 5083	Engineering Acoustics	
MAE 5233	Advanced Fluid Dynamics I	
MAE 5343	Advanced Aero Propulsion and Power	
MAE 5913	Advanced Aerodynamics	
MAE 5923	Guidance and Control of Aerospace Vehicles	
MAE 5943	Unsteady Aerodynamics and Aeroacoustics	
MAE 5963	Unmanned Aerial Systems Design and Analysis	
MAE 5973	Unmanned Aerial Systems Propulsion	
MAE 5983	Aircraft Certification and Test	
MAE 6313	Atmospheric Flight Control	
Mechanical and Aerospace Engineering Electives:		
Any MAE graduate-level course supporting UAS thesis research will be allowed with permission of the student's faculty advisory committee.		6
Technical Electives:		
Any graduate-level course will be allowed with permission of the student's faculty advisory committee.		6
MAE 5000	Master's Thesis	6
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Medical Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Program Core		
Electives		
Select thirty (30) hours from:		30
BIOM 5003	Statistics for Medical Residents	
BIOM 5010	Special Topics in Biomedical Sciences	
BIOM 5013	Medical Biostatistics	
BIOM 5020	Biomedical Sciences Seminar	
BIOM 5116	Clinical Anatomy	
BIOM 5121	Biomedical Sciences Journal Club	
BIOM 5122	Introduction and Survey of Human Structure	
BIOM 5124	Systems Histology & General Pathology	
BIOM 5133	Neuroanatomy	
BIOM 5211	Advanced Microscopy	
BIOM 5215	Medical Biochemistry	
BIOM 5316	Medical Microbiology and Immunology	
BIOM 5616	Graduate Biomedical Physiology	
BIOM 5621	Introduction to Translational Research	
BIOM 5631	Disease Research in Medicine	
BIOM 5641	Cornerstones of Vertebrate Paleontology	
BIOM 5651	Morphological Phylogenetic Systematics	
BIOM 5653	Evolutionary Physiology	
BIOM 5663	Graduate Pharmacology	
BIOM 5672	Scientific Outreach Training for Graduate Students	
BIOM 5683	Chronic Inflammation and Cancer Development	
BIOM 5693	Principle Concepts of Cellular and Molecular Immunology	
BIOM 5963	Case Studies in Medical Smart Garment Engineering	
BIOM 5983	Principles of Neuroscience	
BIOM 5984	Capstone in Medical Smart Garment Engineering	
BIOM 5993	Principles of Neuroanatomy	
BIOM 6010	Topics in Biomedical Sciences	
BIOM 6013	Educational Methods in the Biomedical Sciences	
BIOM 6023	Research Methods And Design	
BIOM 6173	Molecular Epigenetics	
BIOM 6175	Molecular and Cellular Biology	
BIOM 6183	Cellular and Molecular Biology of Pain	
BIOM 6193	Paleomammalogy	
BIOM 6200	Neurobiology of Addiction	
BIOM 6214	Advanced Topics in Medical Biochemistry	
BIOM 6233	Enzyme Analysis	
BIOM 6243	Human Nutrition	
BIOM 6263	Techniques in Biomedical Sciences	
BIOM 6333	Immunology	
BIOM 6343	Microbial Physiology	
BIOM 6353	Molecular Virology	
BIOM 6363	Immunobiology of Infectious Disease	
BIOM 6413	Graduate General Pathology and Laboratory Medicine	
BIOM 6513	Neuropharmacology	
BIOM 6523	Cardiovascular Physiology and Pharmacology	
BIOM 6543	Environmental Toxicants and the Brain	
BIOM 6551	CT Techniques in Evolutionary Anatomy	
BIOM 6583	Neuroinflammation	
BIOM 6613	Environmental Physiology	
BIOM 6643	Neurophysiology	
BIOM 6653	Graduate Seminar In Signal Transduction	
BIOM 6662	Research Ethics and Survival Skills for the Biomedical Sciences	
BIOM 6663	Neuroethology	
BIOM 6673	Genomics	
BIOM 6705	Advanced Gross Anatomy	
BIOM 6723	Field Techniques in Vertebrate Paleontology	
BIOM 6733	Human Microbiome in Health and Disease	
BIOM 6743	Foundations in Medical Genetics, Molecular Biology and Development	
BIOM 6752	Foundations in Medical Cell and Tissue Biology	
BIOM 6763	Foundations in Medical Biochemistry & Pharmacology	
BIOM 6771	Foundations in Medical Pharmacology	
BIOM 6781	Foundations in Medical Immunology	
BIOM 6793	Foundations in Medical Microbiology	
BIOM 6800	Critical Readings in Biomedical Sciences	
BIOM 6810	Structure and Function of the Human Cardiovascular System	
BIOM 6820	Structure and Function of the Human Gastrointestinal/Hepatic System	
BIOM 6830	Biomedical Perspectives on Human Hematology	
BIOM 6840	Structure and Function of the Human Musculoskeletal System	
BIOM 6843	Vertebrate Osteology	
BIOM 6850	Structure and Function of the Human Renal System	
BIOM 6860	Structure and Function of the Human Reproductive Systems and Reproductive Biology	
BIOM 6870	Structure and Function of the Human Respiratory System	
BIOM 6880	Biomedical Perspectives on Psychiatry	
BIOM 6893	Fundamentals of Medical Smart Garment Engineering	

BIOM 6900	Structure and Function of the Human Endocrine System
BIOM 6910	Structure and Function of the Human Nervous System
BIOM 6922	Scientific Communication in Biomedical Sciences
BIOM 6933	Cornerstones of Graduate Biomedical Sciences
BIOM 6943	Advanced Vertebrate Paleontology
BIOM 6952	Paleohistology Techniques
BIOM 6962	Evolutionary Biomechanics
BIOM 6972	Role of Nicotinic Acetylcholine Receptors in Neuropsychiatric Disorders
BIOM 6973	Evolutionary Development of Vertebrates
FRNS (including but not limited to the following)	
FRNS 5013	Survey of Forensic Sciences
GLHE (including but not limited to)	
GLHE 5020	Seminar in Global Health
HCA (including but not limited to the following)	
HCA 5013	Survey of Health Care Administration
MAT (including but not limited to the following)	
MAT 5103	Emergency Management in Athletic Healthcare
PA (including but not limited to the following)	
PA 5010	Special Topics
Or additional BIOM, FRNS, GLHE, HCA, MAT, and PA courses with faculty advisor and instructor approval	
Total Hours	**30**

Other Requirements

- Must maintain a GPA of 3.0 in all courses applicable to the MS-MSCI.
- Student must not earn a grade lower than a "C".

Microbiology, Cell and Molecular Biology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
MICR 5160	Seminar [1]	1
MICR 5002	Professionalism for the Microbiologist	2
Two hours from:		
MICR 6120	Recent Advances in Microbiology [2]	2
Hours Subtotal		**5**
Electives		
Select 9 hours of non-zero ending MICR courses at the 5000 or 6000 level [3]		9
6 elective hours: Non-zero ending MICR or other courses at the 5000-level or above [3]		6
Hours Subtotal		**15**
Thesis		
MICR 5000	Thesis	6
MICR 5990	Special Problems [4]	4
Hours Subtotal		**10**
Total Hours		**30**

1. Students should only enroll when they are presenting.
2. When enrolled, students must present a paper.
3. Classes taken at the 4000-level cannot be retaken for graduate credit.
4. A non-zero ending class may substitute 3 credits of MICR 5990.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Required Courses		
MICR 5163	Foundations of Cellular Life	3
MICR 5273	Advanced Principles of Microbial Pathogenesis	3
MICR 6323	Cell Signaling	3
MICR 6153	Molecular Microbial Genetics	3
MICR 6223	Molecular Environmental Microbiology and Ecology	3
Two hours from:		2
MICR 6120	Recent Advances in Microbiology	
Hours Subtotal		**17**
Electives		
Non-zero ending MICR courses at the 5000-level or above		3
Electives (lab work as 5990 or MICR or other related course work non-zero ending 5000 or above)		9
Additional Requirements		
MICR 5000	Thesis	3
Hours Subtotal		**15**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Music: Applied Music, MM

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Required Courses		
Eight (8) hours from:		8
MUSI 5490	Lessons in Applied Music (Major Field)	
MUSI 5002	Final Degree Performance	2
MUSI 5012	Final Degree Project and Oral Examination	2
MUSI 5113	Introduction to Graduate Studies in Music	3
MUSI 5750	Seminar in Music History	3
MUSI 5962	Analytical Techniques in Music I	2
MUSI 5972	Analytical Techniques in Music II	2
Select a Group track (p.)		10
Electives		
The following list includes options for elective credits to complete a Group track. Other courses may be counted as elective credit with the approval of the Graduate Coordinator. [1]		
MUSI 5042	Collaborative Piano I	
MUSI 5142	Collaborative Piano II	
MUSI 5480	Lessons in Applied Music (Minor Field)	
MUSI 5600	Chamber Ensembles	
MUSI 5610	University Bands	
MUSI 5620	Symphony Orchestra	
MUSI 5630	University Choral Ensembles	
MUSI 5813	Studies in Lyric Diction	
JAZZ 5600	Jazz Combos	
JAZZ 5610	Jazz Orchestra	
JAZZ 5620	Jazz Ensemble	
Total Hours		**32**

[1] Admission to all ensembles is by audition.

Groups

Instrumental:

Code	Title	Hours
MUSI 5890	Special Studies in Music Pedagogy	2
Four credits from:		4
MUSI 5610	University Bands	
MUSI 5620	Symphony Orchestra	
MUSI 5600	Chamber Ensembles	2
Electives		2

Vocal:

Code	Title	Hours
MUSI 5733	Techniques of Pedagogy and Performance	3
MUSI 5842	Music Repertory	2
Two credits from:		2
MUSI 5600	Chamber Ensembles (Opera)	
MUSI 5630	University Choral Ensembles	
Electives		3

Keyboard:

Code	Title	Hours
MUSI 5733	Techniques of Pedagogy and Performance	3
MUSI 5842	Music Repertory	2
Two credits from:		2
MUSI 5042	Collaborative Piano I	
or MUSI 5142	Collaborative Piano II	
MUSI 5600	Chamber Ensembles	1
Electives		2

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Music: Conducting, MM

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Required Courses		
Courses in Pedagogy		
MUSI 5512	Advanced Studies in Music Literature and Pedagogy I	2
MUSI 5522	Advanced Studies in Music Literature and Pedagogy II	2
MUSI 5733	Techniques of Pedagogy and Performance	3
Courses in Performance		
MUSI 5002	Final Degree Performance	2
MUSI 5712	Advanced Studies in Conducting I	2
MUSI 5722	Advanced Studies in Conducting II	2
MUSI 5742	Conducting Practicum	2
Hours Subtotal		**15**
Additional Requirements		
MUSI 5012	Final Degree Project and Oral Examination	2
MUSI 5113	Introduction to Graduate Studies in Music	3
MUSI 5750	Seminar in Music History	3
MUSI 5962	Analytical Techniques in Music I	2
MUSI 5972	Analytical Techniques in Music II	2
Hours Subtotal		**12**
Electives		
All students in the Conducting Track will complete 5 hours in Elective Courses in Music. Other courses may be counted as elective credits with the approval of the Graduate Coordinator. [1]		5
MUSI 5480	Lessons in Applied Music (Minor Field)	
MUSI 5600	Chamber Ensembles	
MUSI 5610	University Bands	
MUSI 5620	Symphony Orchestra	
MUSI 5630	University Choral Ensembles	
MUSI 5813	Studies in Lyric Diction	
Hours Subtotal		**5**
Total Hours		**32**

[1] Admission to all ensembles is by audition.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Music: Multiple Woodwinds, MM

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Pedagogy Courses		
MUSI 5733	Techniques of Pedagogy and Performance	3
Hours Subtotal		**3**
Courses in Performance		
Eight hours from:		8
MUSI 5490	Lessons in Applied Music (Major Field)	
Six hours from:		6
MUSI 5480	Lessons in Applied Music (Minor Field)	
MUSI 5002	Final Degree Performance	2
Hours Subtotal		**16**
Additional Required Courses		
MUSI 5113	Introduction to Graduate Studies in Music	3
MUSI 5750	Seminar in Music History	3
MUSI 5962	Analytical Techniques in Music I	2
MUSI 5012	Final Degree Project and Oral Examination	2
Hours Subtotal		**10**
Elective Courses in Music		
Select three hours from the following:		3
MUSI 5600	Chamber Ensembles	
MUSI 5610	University Bands	
MUSI 5620	Symphony Orchestra	
MUSI 5630	University Choral Ensembles	
MUSI 5480	Lessons in Applied Music (Minor Field)	
MUSI 5890	Special Studies in Music Pedagogy	
MUSI 5842	Music Repertory	
MUSI 5972	Analytical Techniques in Music II	
Hours Subtotal		**3**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Natural Resource Ecology and Management, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
Select a minimum of 24 hours of approved graduate-level coursework [1]		24
Hours Subtotal		**24**
Additional Requirements		
NREM 5000	Master's Thesis Report	6
Hours Subtotal		**6**
Total Hours		**30**

[1] Total hours for thesis option could reach maximum of 36 depending on the courses selected.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Courses		
Select a minimum of 30 hours of approved graduate-level coursework		30
Hours Subtotal		**30**
Additional Requirements		
NREM 5000	Master's Thesis Report	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Natural Resource Ecology and Management: Fisheries and Aquatic Ecology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
Select a minimum of 24 hours of approved graduate-level coursework [1]		24
Hours Subtotal		**24**
Additional Requirements		
NREM 5000	Master's Thesis Report	6
Hours Subtotal		**6**
Total Hours		**30**

[1] Total hours for thesis option could reach maximum of 36 depending on courses selected.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Courses		
Select a minimum of 30 hours of approved graduate-level coursework		30
Hours Subtotal		**30**
Additional Requirements		
NREM 5000	Master's Thesis Report	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Natural Resource Ecology and Management: Forest Resources, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
Select a minimum of 24 hours of approved graduate-level coursework [1]		24
Hours Subtotal		**24**
Additional Requirements		
NREM 5000	Master's Thesis Report	6
Hours Subtotal		**6**
Total Hours		**30**

[1] Total hours for thesis option could reach maximum of 36 depending on courses selected.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Courses		
Select a minimum of 30 hours of approved graduate-level coursework		30
Hours Subtotal		**30**
Additional Requirements		
NREM 5000	Master's Thesis Report	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Natural Resource Ecology and Management: Rangeland Ecology and Management, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
Select a minimum of 24 hours of approved graduate-level coursework [1]		24
Hours Subtotal		**24**
Additional Requirements		
NREM 5000	Master's Thesis Report	6
Hours Subtotal		**6**
Total Hours		**30**

[1] Total hours for thesis option could reach maximum of 36 depending on courses selected.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Courses		
Select a minimum of 30 hours of approved graduate-level coursework		30
Hours Subtotal		**30**
Additional Requirements		
NREM 5000	Master's Thesis Report	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Natural Resource Ecology and Management: Wildlife Ecology and Management, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Courses		
Select a minimum of 24 hours of approved graduate-level coursework [1]		24
Hours Subtotal		**24**
Additional Requirements		
NREM 5000	Master's Thesis Report	6
Hours Subtotal		**6**
Total Hours		**30**

[1] Total hours for thesis option could reach maximum of 36 depending on courses selected.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Core Courses		
Select a minimum of 30 hours of approved graduate-level coursework		30
Hours Subtotal		**30**
Additional Requirements		
NREM 5000	Master's Thesis Report	2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Nutritional Sciences: Dietetics Practice, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 32

Code	Title	Hours
Common Core		
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
NSCI 5960	Master's Seminar in Nutritional Sciences	1
NSCI 5643	Advanced Medical Nutrition Therapy	3
NSCI 5412	Dietetic Internship Management Practicum	2
NSCI 5422	Dietetic Internship Clinical Practicum	2
NSCI 5432	Dietetic Internship Community Nutrition Practicum	2
Option Specific Core		
NSCI 5403	Contemporary Issues in Dietetics Practice	3
NSCI 5613	Nutrition Education and Behavior Change	3
NSCI 5713	Public Health Nutrition and Food Policy	3
Hours Subtotal		**22**
Electives		
Select 10 hours of the following:		10
NSCI 5023	Advanced Nutrition in the Pathophysiology of Chronic Disease	
NSCI 5033	Macronutrients in Human Nutrition	
NSCI 5043	Micronutrients in Human Nutrition	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5313	Dietary and Herbal Supplements	
NSCI 5363	Maternal and Child Nutrition	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5870	Problems in Nutritional Science	
NSCI 6033	Functional Foods and Phytochemicals	
HDFS 5413	Contemporary Perspectives in Adult Development and Aging	
CPSY 5473	Basic Counseling Skills	
CPSY 5503	Multicultural Counseling	
HHP 5083	Physiology of Aging	
HHP 5853	Clin Ex Test & Prescript	
HHP 5873	Human Bioenergetics	
MPH 5133	Environmental Health	
MPH 5323	General Epidemiology	
MPH 5453	Cultural Issues in Health	
MPH 5653	Foundations of Public Health Education and Promotion	
MPH 5683	Health Behavior Theory and Practice for Public Health	
MPH 5973	Designing Public Health Programs	
MPH 5983	Implementation and Evaluation of Public Health Programs	
HCA 5013	Survey of Health Care Administration	
HCA 5030	Problems and Issues in Global Health	
HCA 5033	Legal Issues in Health Care Administration	
HCA 5103	Introduction to Global Health	
HCA 5113	Entrepreneurship and the Health Sciences	
HCA 5133	Health Care Informatics	
HCA 5153	International Health Systems	
EPSY 5103	Human Development in Psychology	
EPSY 5463	Psychology of Learning	
EPSY 5473	Psychology of Adult Learning	
Or other elective courses as approved by the committee.		
Hours Subtotal		**10**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Nutritional Sciences: Dietetics Research, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Hours

Total Hours: 36

Code	Title	Hours
Degree Core		
NSCI 5000	Master's Thesis	6
NSCI 5033	Macronutrients in Human Nutrition	3
NSCI 5043	Micronutrients in Human Nutrition	3
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
NSCI 5412	Dietetic Internship Management Practicum	2
NSCI 5422	Dietetic Internship Clinical Practicum	2
NSCI 5432	Dietetic Internship Community Nutrition Practicum	2
NSCI 5643	Advanced Medical Nutrition Therapy	3
NSCI 5960	Master's Seminar in Nutritional Sciences	1
STAT 5013	Statistics for Experimenters I	3
or REMS 5953	Statistical Methods in Education	
Hours Subtotal		**28**
Electives		
Select 8 hours from the following:		8
NSCI 5023	Advanced Nutrition in the Pathophysiology of Chronic Disease	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5363	Maternal and Child Nutrition	
NSCI 5313	Dietary and Herbal Supplements	
NSCI 5443	Precision Nutrition	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5613	Nutrition Education and Behavior Change	
NSCI 5713	Public Health Nutrition and Food Policy	
NSCI 5870	Problems in Nutritional Science	
NSCI 6033	Functional Foods and Phytochemicals	
BIOC 5753	Biochemical Principles	
BIOC 6723	Signal Transduction	
BIOC 5102	Molecular Genetics	
BIOC 5112	Articulation of Research Logic	
BIOC 5824	Biochemical Laboratory Methods	
CPSY 5473	Basic Counseling Skills	
CPSY 5503	Multicultural Counseling	
HCA 5043	Organizational Leadership and Development in Health Care	
HCA 5013	Survey of Health Care Administration	
HCA 5030	Problems and Issues in Global Health	
HCA 5033	Legal Issues in Health Care Administration	
HCA 5103	Introduction to Global Health	
HCA 5113	Entrepreneurship and the Health Sciences	
HCA 5133	Health Care Informatics	
HCA 5153	International Health Systems	
HHP 5853	Clin Ex Test & Prescript	
HHP 5873	Human Bioenergetics	
HLTH 5113	Psychological Aspects of Health	
MPH 5323	General Epidemiology	
MPH 5453	Cultural Issues in Health	
MPH 5683	Health Behavior Theory and Practice for Public Health	
MPH 5973	Designing Public Health Programs	
MPH 5983	Implementation and Evaluation of Public Health Programs	
REMS 6003	Analyses of Variance	
SCFD 5913	Introduction to Qualitative Inquiry	
STAT 5023	Statistics for Experimenters II	
STAT 5043	Sample Survey Designs	
STAT 5083	Statistics for Biomedical Researchers	
STAT 5303	Experimental Designs	
EPSY 5403	Issues in Adolescent Development	
EPSY 5463	Psychology of Learning	
EPSY 5473	Psychology of Adult Learning	
EPSY 5603	Developmental Issues in Instruction	
EPSY 5983	Instructional Effectiveness in Higher Education	
Or other elective courses as approved by the committee.		
Hours Subtotal		**8**
Total Hours		**36**

Non-Thesis Option

Total Hours: 36

Code	Title	Hours
Degree Core		
NSCI 5033	Macronutrients in Human Nutrition	3
NSCI 5043	Micronutrients in Human Nutrition	3
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
NSCI 5412	Dietetic Internship Management Practicum	2
NSCI 5422	Dietetic Internship Clinical Practicum	2
NSCI 5432	Dietetic Internship Community Nutrition Practicum	2
NSCI 5643	Advanced Medical Nutrition Therapy	3
NSCI 5843	Non-thesis Graduate Capstone	3
NSCI 5960	Master's Seminar in Nutritional Sciences	1
STAT 5013	Statistics for Experimenters I	3
or REMS 5953	Statistical Methods in Education	
Hours Subtotal		**25**
Electives		
Select 11 hours from the following:		11
NSCI 5023	Advanced Nutrition in the Pathophysiology of Chronic Disease	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5363	Maternal and Child Nutrition	

NSCI 5313	Dietary and Herbal Supplements
NSCI 5443	Precision Nutrition
NSCI 5553	Global Nutrition and Food Security
NSCI 5613	Nutrition Education and Behavior Change
NSCI 5713	Public Health Nutrition and Food Policy
NSCI 5870	Problems in Nutritional Science
NSCI 6033	Functional Foods and Phytochemicals
BIOC 5753	Biochemical Principles
BIOC 6723	Signal Transduction
BIOC 5102	Molecular Genetics
BIOC 5112	Articulation of Research Logic
BIOC 5824	Biochemical Laboratory Methods
CPSY 5473	Basic Counseling Skills
CPSY 5503	Multicultural Counseling
HCA 5013	Survey of Health Care Administration
HCA 5030	Problems and Issues in Global Health
HCA 5033	Legal Issues in Health Care Administration
HCA 5043	Organizational Leadership and Development in Health Care
HCA 5103	Introduction to Global Health
HCA 5113	Entrepreneurship and the Health Sciences
HCA 5133	Health Care Informatics
HCA 5153	International Health Systems
HHP 5853	Clin Ex Test & Prescript
HHP 5873	Human Bioenergetics
HLTH 5113	Psychological Aspects of Health
MPH 5323	General Epidemiology
MPH 5453	Cultural Issues in Health
MPH 5683	Health Behavior Theory and Practice for Public Health
MPH 5973	Designing Public Health Programs
MPH 5983	Implementation and Evaluation of Public Health Programs
REMS 6003	Analyses of Variance
SCFD 5913	Introduction to Qualitative Inquiry
STAT 5023	Statistics for Experimenters II
STAT 5043	Sample Survey Designs
STAT 5083	Statistics for Biomedical Researchers
STAT 5303	Experimental Designs
EPSY 5403	Issues in Adolescent Development
EPSY 5463	Psychology of Learning
EPSY 5473	Psychology of Adult Learning
EPSY 5603	Developmental Issues in Instruction
EPSY 5983	Instructional Effectiveness in Higher Education
Or other elective courses as approved by the committee.	
Hours Subtotal	**11**
Total Hours	**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Nutritional Sciences: Nutrition, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Core Requirements		
NSCI 5000	Master's Thesis	6
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
NSCI 5033	Macronutrients in Human Nutrition	3
NSCI 5043	Micronutrients in Human Nutrition	3
NSCI 5960	Master's Seminar in Nutritional Sciences	1
STAT 5013	Statistics for Experimenters I	3
Hours Subtotal		**19**
Electives		
Select 11 hours of the following:		11
NSCI 5023	Advanced Nutrition in the Pathophysiology of Chronic Disease	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5363	Maternal and Child Nutrition	
NSCI 5313	Dietary and Herbal Supplements	
NSCI 5443	Precision Nutrition	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5613	Nutrition Education and Behavior Change	
NSCI 5643	Advanced Medical Nutrition Therapy	
NSCI 5713	Public Health Nutrition and Food Policy	
NSCI 5870	Problems in Nutritional Science	
NSCI 6033	Functional Foods and Phytochemicals	
BIOC 5753	Biochemical Principles	
BIOC 6723	Signal Transduction	
BIOC 5102	Molecular Genetics	
BIOC 5112	Articulation of Research Logic	
BIOC 5824	Biochemical Laboratory Methods	
CPSY 5473	Basic Counseling Skills	
CPSY 5503	Multicultural Counseling	
HCA 5013	Survey of Health Care Administration	
HCA 5033	Legal Issues in Health Care Administration	
HCA 5043	Organizational Leadership and Development in Health Care	
HCA 5103	Introduction to Global Health	
HCA 5113	Entrepreneurship and the Health Sciences	
HCA 5133	Health Care Informatics	
HCA 5153	International Health Systems	
HHP 5853	Clin Ex Test & Prescript	
HHP 5873	Human Bioenergetics	
HLTH 5113	Psychological Aspects of Health	
MPH 5133	Environmental Health	
MPH 5323	General Epidemiology	
MPH 5453	Cultural Issues in Health	
MPH 5653	Foundations of Public Health Education and Promotion	
MPH 5683	Health Behavior Theory and Practice for Public Health	
MPH 5973	Designing Public Health Programs	
MPH 5983	Implementation and Evaluation of Public Health Programs	
REMS 6003	Analyses of Variance	
SCFD 5913	Introduction to Qualitative Inquiry	
STAT 5023	Statistics for Experimenters II	
STAT 5043	Sample Survey Designs	
STAT 5083	Statistics for Biomedical Researchers	
STAT 5303	Experimental Designs	
Or other elective courses as approved by the committee.		
Hours Subtotal		**11**
Total Hours		**30**

Non-Thesis Option

Total Hours: 34

Code	Title	Hours
Core Requirements		
NSCI 5843	Non-thesis Graduate Capstone	3
NSCI 5123	Research Approaches and Translation in Nutritional Sciences	3
NSCI 5033	Macronutrients in Human Nutrition	3
NSCI 5043	Micronutrients in Human Nutrition	3
NSCI 5960	Master's Seminar in Nutritional Sciences	1
STAT 5013	Statistics for Experimenters I	3
Hours Subtotal		**16**
Electives		
Select 18 hours of the following:		18
NSCI 5023	Advanced Nutrition in the Pathophysiology of Chronic Disease	
NSCI 5133	Advanced Nutrition for Exercise and Sport	
NSCI 5363	Maternal and Child Nutrition	
NSCI 5313	Dietary and Herbal Supplements	
NSCI 5443	Precision Nutrition	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5613	Nutrition Education and Behavior Change	
NSCI 5643	Advanced Medical Nutrition Therapy	
NSCI 5713	Public Health Nutrition and Food Policy	
NSCI 5870	Problems in Nutritional Science	
NSCI 6033	Functional Foods and Phytochemicals	
BIOC 5753	Biochemical Principles	
BIOC 6723	Signal Transduction	
BIOC 5102	Molecular Genetics	
BIOC 5112	Articulation of Research Logic	
BIOC 5824	Biochemical Laboratory Methods	
CPSY 5473	Basic Counseling Skills	
CPSY 5503	Multicultural Counseling	
HCA 5013	Survey of Health Care Administration	

HCA 5033	Legal Issues in Health Care Administration
HCA 5043	Organizational Leadership and Development in Health Care
HCA 5103	Introduction to Global Health
HCA 5113	Entrepreneurship and the Health Sciences
HCA 5133	Health Care Informatics
HCA 5153	International Health Systems
HHP 5853	Clin Ex Test & Prescript
HHP 5873	Human Bioenergetics
HLTH 5113	Psychological Aspects of Health
MPH 5133	Environmental Health
MPH 5323	General Epidemiology
MPH 5453	Cultural Issues in Health
MPH 5653	Foundations of Public Health Education and Promotion
MPH 5683	Health Behavior Theory and Practice for Public Health
MPH 5973	Designing Public Health Programs
MPH 5983	Implementation and Evaluation of Public Health Programs
REMS 6003	Analyses of Variance
SCFD 5913	Introduction to Qualitative Inquiry
STAT 5023	Statistics for Experimenters II
STAT 5043	Sample Survey Designs
STAT 5083	Statistics for Biomedical Researchers
STAT 5303	Experimental Designs
Or other elective courses as approved by the committee.	
Hours Subtotal	**18**
Total Hours	**34**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Peace, Conflict, and Security Studies, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Core Courses		
Thematic Core		
POLS 5203	ProSeminar in International Relations	3
POLS 5253	Conflict Management and Peacebuilding	3
POLS 5403	ProSeminar in Comparative Politics	3
Methodology		
POLS 5103	Research Design	3
POLS 5013	Quantitative Methods	3
Hours Subtotal		**15**
Electives		
Must fulfill the following two areas (12 hours). Students must take at least one class in a different area:		12
Conflict & Peace Studies		
POLS 5210	Topics Seminar in International Relations	
POLS 5163	International Organization	
POLS 5673	Understanding and Responding to Terrorism	
POLS 5273	Diplomacy	
GEOG 6130	Seminar in Political Geography	
GS 5313	Global Communication and Public Diplomacy	
GS 5323	Nation Branding	
GS 5523	Transnational Criminal Organizations and the War on Drugs	
GS 5533	Complex Emergencies	
SOC 5583	Comparative Criminal Justice Systems	
Appropriate electives with approval of Director of Graduate Studies		
Justice & Sustainability		
POLS 5210	Topics Seminar in International Relations (Human Rights/Transitional Justice)	
POLS 5213	Seminar in the International Political Economy	
POLS 5410	Topics Seminar in Comparative Politics (Social Movements)	
POLS 5410	Topics Seminar in Comparative Politics (Electoral Integrity)	
POLS 5810	Seminar in Women and Politics	
FEMP 5623	Emergency Management in the International Setting	
GEOG 5073	Climate Change: Past, Present and Future	
GEOG 5233	Human Dimensions of Global Environmental Change	
GEOG 5243	Geography of the World's Indigenous Peoples	
GS 5043	Politics of the Global Economy	
GS 5413	Global Development	
GS 5553	Global Poverty and Inequality	
SOC 5333	Global Population and Social Problems	
SOC 5493	Seminar in Environmental Justice	
SOC 5653	Gender and the Middle East	
Hours Subtotal		**12**
Thesis or Report		
Select thesis or report:		6
POLS 5000	Thesis	
OR		
POLS 5100	Directed Study	
AND		
POLS 5020	Creative Component	
Hours Subtotal		**6**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Petroleum Engineering, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Core Courses		
PETE 5313	Advanced Drilling Modeling and Simulation	3
PETE 5333	Advanced Production and Flow Assurance	3
PETE 5373	Advanced Well Stimulation	3
Hours Subtotal		**9**
Thesis		
PETE 5000	Master's Thesis	6
Hours Subtotal		**6**
Electives		
Graduate-approved elective (PETE or other) courses, selected by the student with approval of the student's advisor.		15
Suggested Elective Courses		
Petroleum Engineering (PETE) Courses		
PETE 5303	Petroleum Geomechanics	
PETE 5343	Advanced Reservoir Engineering	
PETE 5363	Petroleum Economics and Investments	
PETE 5413	Advanced Well Design and Operational Analysis	
PETE 5513	Directional Drilling	
PETE 5613	Advanced Well Completions	
Mathematics (MATH) and Statistics (STAT) Courses		
5000-level advanced mathematics courses as approved by advisor		
5000-level advanced statistics courses as approved by advisor		
Other courses		
Any 4000-level course in PETE, MATH and STAT must be pre-approved by advisor as part of the plan of study.		
Hours Subtotal		**15**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Philosophy, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
Select 24 hours of approved courses.		24
Hours Subtotal		**24**
Research		
Select 6 hours of approved research courses.		6
Hours Subtotal		**6**
Total Hours		**30**

Formal Report Option

Total Hours: 32

Code	Title	Hours
Required Courses		
Select 30 hours of approved courses.		30
Hours Subtotal		**30**
Report		
Select 2 hours of approved report.		2
Hours Subtotal		**2**
Total Hours		**32**

Creative Component Option

Total Hours: 32

Code	Title	Hours
Required Courses		
Select 30 hours of approved courses.		30
Hours Subtotal		**30**
Creative Component		
Select 2 hours of approved coursework.		2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Physician Assistant Studies, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 124

Code	Title	Hours
PA 5011	Introduction to Pharmacology	1
PA 5021	Fundamentals of Medical Imaging	1
PA 5031	Introduction to Microbiology and Immunology	1
PA 5041	Laboratory Medicine	1
PA 5015	Human Anatomy	5
PA 5112	Developing the Physician Assistant I	2
PA 5121	Rural and Underserved Populations	1
PA 5114	Applied Clinical Medicine I	4
PA 5223	Gastrointestinal System	3
PA 5125	Nervous System	5
PA 5233	Psychiatry System	3
PA 5134	Applied Clinical Medicine II	4
PA 5163	Developing the Physician Assistant II	3
PA 5124	Cardiovascular System	4
PA 5113	Respiratory System	3
PA 5132	Hematology System	2
PA 5144	Genitourinary System	4
PA 5273	Applied Clinical Medicine III	3
PA 5242	Developing the Physician Assistant III	2
PA 5243	Endocrine System	3
PA 5263	Musculoskeletal/Integumentary System	3
PA 5253	Reproductive System	3
PA 5301	Research Methods for Evidence-Based Medicine	1
PA 5302	Developing the Physician Assistant IV	2
PA 5404	Family Medicine I	6
PA 5424	Internal Medicine I	4
PA 5434	Internal Medicine II	4
PA 5444	Emergency Medicine I	4
PA 5454	Emergency Medicine II	4
PA 5464	Obstetrics & Gynecology	4
PA 5474	Pediatrics	4
PA 5484	Psychiatry	4
PA 5494	Surgery	4
PA 5504	Medicine Elective I	4
PA 5514	Medicine Elective II	4
PA 5524	Medicine Elective III	4
PA 5544	Medicine Selective	4
PA 5554	Professional Enrichment	4
Total Hours		**122**

For more information on requirements, please visit https://medicine.okstate.edu/pa/prospective-students.html.

Physics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
Hours Subtotal		**15**
Electives		
Select 9 hours from PHYS, MATH or an allied field in consultation with student's advisor.		9
Hours Subtotal		**9**
Thesis		
PHYS 5000	Master's Thesis Research or Report	6
Hours Subtotal		**6**
Total Hours		**30**

Report Option

Total Hours: 32

Code	Title	Hours
Required Courses		
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
Hours Subtotal		**15**
Electives		
Select 15 hours from PHYS or a related field in consultation with student's advisor.		15
Hours Subtotal		**15**
Non-Thesis		
PHYS 5000	Master's Thesis Research or Report (Report)	2
or PHYS 6000	Doctoral Dissertation Research	
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Physics: Optics and Photonics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
Select 9 hours of Photonics core courses from the following with advisor approval:		9
PHYS 5123	Geometrical Optics	
PHYS 5163	Lasers	
PHYS 5303	Physical Optics	
ECEN 5080	Fundamental Topics (Graduate version of ECEN 4843 Design of Lasers and Systems)	
ECEN 5833	Fiber-Optic Communication Systems	
Hours Subtotal		**15**
Electives		
Select 9 hours from the two groups of electives with a minimum of one course and a maximum of two from Group I. Courses at the graduate level from other departments may be substituted for electives in Group II with Physics Department permission, but alternate courses must have a strong connection to optics and photonics.		9
Group I		
PHYS 5110	Seminar (Graduate version of PHYS 4813 Electromagnetic Radiation)	
PHYS 5313	Electromagnetic Theory	
PHYS 6713	Advanced Electromagnetic Radiation	
ECEN 5613	Electromagnetic Theory	
Group II		
PHYS 5133	Laser Spectroscopy	
PHYS 5663	Solid State Physics I	
PHYS 6313	Quantum Mechanics II	
PHYS 6413	Nonlinear Optics	
PHYS 6423	Quantum Optics	
ECEN 5060	Special Topics (Graduate version of ECEN 4823 Design of Optical Systems)	
ECEN 5843	Microelectronic Fabrication	
ECEN 5853	Ultrafast Optoelectronics	
ECEN 5793	Digital Image Processing	
Hours Subtotal		**9**
Thesis/Research		
Select 6 hours (or more) of supervised research with submission of an approved thesis.		
PHYS 5000	Master's Thesis Research or Report (Or equivalent)	6
or PHYS 6000	Doctoral Dissertation Research	
Hours Subtotal		**6**
Total Hours		**30**

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Required Courses		
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
Select 9 hours of Photonics core courses from the following with advisor approval:		9
PHYS 5123	Geometrical Optics	
PHYS 5163	Lasers	
PHYS 5303	Physical Optics	
ECEN 5080	Fundamental Topics (Graduate version of ECEN 4843 Design of Lasers and Systems)	
ECEN 5833	Fiber-Optic Communication Systems	
Hours Subtotal		**15**
Electives		
Select 9 hours from the two groups of electives with a minimum of one course and a maximum of two from Group I. Courses at the graduate level from other departments may be substituted for electives in Group II with Physics Department permission, but alternate courses must have a strong connection to optics and photonics.		9
Group I		
PHYS 5110	Seminar (Graduate version of PHYS 4813 Electromagnetic Radiation)	
PHYS 5313	Electromagnetic Theory	
PHYS 6713	Advanced Electromagnetic Radiation	
ECEN 5613	Electromagnetic Theory	
Group II		
PHYS 5133	Laser Spectroscopy	
PHYS 5663	Solid State Physics I	
PHYS 6313	Quantum Mechanics II	
PHYS 6413	Nonlinear Optics	
PHYS 6423	Quantum Optics	
ECEN 5060	Special Topics (Graduate version of ECEN 4823 Design of Optical Systems)	
ECEN 5843	Microelectronic Fabrication	
ECEN 5853	Ultrafast Optoelectronics	
ECEN 5793	Digital Image Processing	
Hours Subtotal		**9**
Additional Electives		
Select 6 hours of advanced courses at the graduate level.		6
Hours Subtotal		**6**
Report		
Students must complete a two-credit hour report.		2
Hours Subtotal		**2**
Total Hours		**32**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Plant and Soil Sciences, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Course Requirements		
Select 24 hours from the following:		24
A minimum of 15 hours of 5000-level or higher courses that include:		
PLNT 5020	Graduate Seminar	
or SOIL 5020	Graduate Seminar	
SOIL 5131	Professional Development Colloquium in Plant and Soil Sciences	
PLNT 5110	Problems and Special Study	
or SOIL 5110	Problems and Special Study	
9 hours of MATH (including at least 3 hours of STAT in combined BS and MS programs):		
No more than 9 credit hours of 3000- or 4000-level coursework approved for graduate credit.		
Recommended courses at the discretion of the graduate committee that students emphasizing soil science should complete 4 of the 5 courses listed below (or equivalent) during their undergraduate or graduate programs:		
SOIL 5353	Advanced Soil Genesis and Classification	
SOIL 5234	Soil Nutrient Management	
SOIL 5223	Soil Chemical Processes and Impact on Environmental Quality	
SOIL 5683	Soil, Water, and Weather	
or SOIL 6583	Soil Physics Theory	
SOIL 5383	Advanced Soil Microbiology	
A student may take a maximum of 3 research credit hours. Research hours are to be taken to document student effort in areas not associated with the students thesis. All students must indicate on their Plan of Study whether or not their research will involve human subjects. If human subjects are to be used, approval must be received from the Institutional Research Board (IRB) prior to the beginning of the research.		
PLNT 5230	Research	
or SOIL 5230	Research	
Hours Subtotal		**24**
Thesis		
PLNT 5000	Master's Thesis	6
or SOIL 5000	Master's Thesis	
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Plant Biology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 30

Code	Title	Hours
Required Courses		
PBIO 5110	Special Topics in Plant Biology (Professional Development)	1
PBIO 5000	Master's Thesis	6
Two hours from:		2
PBIO 5850	Plant Biology Seminar	
Hours Subtotal		**9**
Electives		
At least 3 graduate courses totaling 9 credit hours at the 5000 level or higher and remaining hours at 5000 level or higher from BIOC, BIOL, CHEM, CS, ENVR, GENE, GEOG, GEOL, MATH, MICR, PBIO, PHYS, PLNT, NREM, STAT		21
Hours Subtotal		**21**
Total Hours		**30**

Additional Plant Biology Requirements

- `Minimum of "B" in all courses`
- `Research Proposal Defense`
- `Teaching one semester as a Graduate Teaching Assistant`

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Politics and Policy Studies, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 33

Code	Title	Hours
Core Courses		
POLS 5203	ProSeminar in International Relations	3
or POLS 5403	ProSeminar in Comparative Politics	
POLS 5613	Public Policy Analysis	3
POLS 5703	ProSeminar in American Politics	3
Methods Courses		
POLS 5013	Quantitative Methods	3
POLS 5103	Research Design	3
Thesis		
POLS 5000	Thesis	6
Hours Subtotal		**21**
Electives		
Any POLS graduate-level courses		12
Up to 9 credit hours of electives can be taken outside the department from the list below:		
AGEC 5073	Rural Economics Development	
ENVR 5433	Environmental Law for Management Professionals	
ENVR 5823	Watershed Management	
FEMP 5633	Emergency Management and Public Policy in the United States	
GEOG 5123	International Resource Management	
GEOG 5133	Environment and Development	
GEOG 5233	Human Dimensions of Global Environmental Change	
GLHE 5030	Problems and Issues in Global Health	
GLHE 5103	Introduction to Global Health	
GLHE 5153	International Health Systems	
HDFS 5153	Policy in Human Development and Family Science	
NSCI 5553	Global Nutrition and Food Security	
SOC 5463	Seminar in Environmental Sociology	
SOC 5553	Seminar in Medical Sociology	
SOC 5583	Comparative Criminal Justice Systems	
Hours Subtotal		**12**
Total Hours		**33**

Creative Component Option

Total Hours: 33

Code	Title	Hours
Core Courses		
POLS 5203	ProSeminar in International Relations	3
or POLS 5403	ProSeminar in Comparative Politics	
POLS 5613	Public Policy Analysis	3
POLS 5703	ProSeminar in American Politics	3
Methods Courses		
POLS 5013	Quantitative Methods	3
POLS 5103	Research Design	3
Creative Component		
POLS 5020	Creative Component	3
POLS 5100	Directed Study	3
Hours Subtotal		**21**
Electives		
Any POLS graduate-level courses		12
Up to 9 credit hours of electives can be taken outside the department from the list below:		
AGEC 5073	Rural Economics Development	
ENVR 5433	Environmental Law for Management Professionals	
ENVR 5823	Watershed Management	
FEMP 5633	Emergency Management and Public Policy in the United States	
GEOG 5123	International Resource Management	
GEOG 5133	Environment and Development	
GEOG 5233	Human Dimensions of Global Environmental Change	
GLHE 5030	Problems and Issues in Global Health	
GLHE 5103	Introduction to Global Health	
GLHE 5153	International Health Systems	
HDFS 5153	Policy in Human Development and Family Science	
NSCI 5553	Global Nutrition and Food Security	
SOC 5463	Seminar in Environmental Sociology	
SOC 5553	Seminar in Medical Sociology	
SOC 5583	Comparative Criminal Justice Systems	
Hours Subtotal		**12**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Psychology, MS

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
PSYC 5304	Quantitative Methods in Psychology I	4
PSYC 5314	Quantitative Methods in Psychology II	4
PSYC 5660	Teaching Practicum	2
Electives		
Select 14 hours from PSYC in consultation with advisors.		14
Hours Subtotal		**24**
Thesis		
PSYC 5000	Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Public Health, MPH

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis

Total Hours: 42

Code	Title	Hours
Core Courses		
MPH 5653	Foundations of Public Health Education and Promotion	3
or HLTH 5653	Foundations of Public Health Education and Promotion	
MPH 5203	Evidence-Based Approaches to Public Health	3
or REMS 5953	Statistical Methods in Education	
MPH 5323	General Epidemiology	3
or HLTH 5323	General Epidemiology	
MC 5953	Strategic Health Communications Campaigns	3
or AGCM 5403	Public Relations Campaigns in Agricultural Sciences and Natural Resources	
Select 3 hours from the following:		3
HCA 5093	Leadership Methods and Styles in Healthcare	
HCA 5013	Survey of Health Care Administration	3
MPH 5453	Cultural Issues in Health	3
or HLTH 5453	Cultural Issues In Health	
REMS 5013	Research Design and Methodology	3
or HDFS 5133	Research Methods in HDFS II	
MPH 5683	Health Behavior Theory and Practice for Public Health	3
or HLTH 5683	Health Behavior Theory and Practice for Public Health	
MPH 5973	Designing Public Health Programs	3
or HLTH 5973	Designing Public Health Programs	
Select 3 hours from the following:		3
MPH 5983	Implementation and Evaluation of Public Health Programs	
or HLTH 5983	Implementation and Evaluation of Public Health Programs	
REMS 6373	Program Evaluation	
Thesis		
MPH 5000	Master's Thesis	6
		3
Total Hours		**42**

Non-Thesis

Total Hours: 42

Code	Title	Hours
Core Courses		
MPH 5653	Foundations of Public Health Education and Promotion	3
or HLTH 5653	Foundations of Public Health Education and Promotion	
MPH 5203	Evidence-Based Approaches to Public Health	3
or REMS 5953	Statistical Methods in Education	
MPH 5323	General Epidemiology	3
or HLTH 5323	General Epidemiology	
MC 5953	Strategic Health Communications Campaigns	3
or AGCM 5403	Public Relations Campaigns in Agricultural Sciences and Natural Resources	
Select 3 hours from the following:		3
HCA 5093	Leadership Methods and Styles in Healthcare	
HCA 5013	Survey of Health Care Administration	3
MPH 5453	Cultural Issues in Health	3
or HLTH 5453	Cultural Issues In Health	
REMS 5013	Research Design and Methodology	3
or HDFS 5133	Research Methods in HDFS II	
MPH 5683	Health Behavior Theory and Practice for Public Health	3
or HLTH 5683	Health Behavior Theory and Practice for Public Health	
MPH 5973	Designing Public Health Programs	3
or HLTH 5973	Designing Public Health Programs	
Select 3 hours from the following:		3
MPH 5983	Implementation and Evaluation of Public Health Programs	
or HLTH 5983	Implementation and Evaluation of Public Health Programs	
REMS 6373	Program Evaluation	
Thesis		
MPH 5030	Master of Public Health Practicum	3
Select 6 hours of electives		6
Total Hours		**42**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Public Health: Rural and Underserved Populations, MPH

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 42

Code	Title	Hours
Core Courses		
MPH 5653	Foundations of Public Health Education and Promotion	3
or HLTH 5653	Foundations of Public Health Education and Promotion	
REMS 5953	Statistical Methods in Education	3
or MPH 5203	Evidence-Based Approaches to Public Health	
HLTH 5323	General Epidemiology	3
or MPH 5323	General Epidemiology	
HLTH 5133	Environmental Health	3
or MPH 5133	Environmental Health	
HCA 5013	Survey of Health Care Administration	3
MC 5953	Strategic Health Communications Campaigns	3
or AGCM 5403	Public Relations Campaigns in Agricultural Sciences and Natural Resources	
HCA 5093	Leadership Methods and Styles in Healthcare	3
or MPH 5543	Leadership, Policy, and Ethics in Public Health	
MPH 5453	Cultural Issues in Health	3
or HLTH 5453	Cultural Issues In Health	
REMS 5013	Research Design and Methodology	3
or HDFS 5133	Research Methods in HDFS II	
MPH 5683	Health Behavior Theory and Practice for Public Health	3
or HLTH 5683	Health Behavior Theory and Practice for Public Health	
HLTH 5973	Designing Public Health Programs	3
or MPH 5973	Designing Public Health Programs	
Select 3 hours from the following:		3
AECL 6223	Program Evaluation in Agriculture and Extension	
HLTH 5983	Implementation and Evaluation of Public Health Programs	
or MPH 5983	Implementation and Evaluation of Public Health Programs	
REMS 6373	Program Evaluation	
Hours Subtotal		**36**
Guided Electives		
HLTH 5113	Psychological Aspects of Health	
NSCI 5323	Physical Health, Nutrition, Wellness and Active Aging	
HLTH 5233	Sexuality and Health	
NSCI 5453	Nutrition and Health Disparities	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5713	Public Health Nutrition and Food Policy	
HDFS 5153	Policy in Human Development and Family Science	
HDFS 5403	Foundations in Integrative Aging Studies	
HDFS 5411	Ethics and Aging	
HDFS 5433	Theories of Aging	
HDFS 5493	Aging and Diverse Families	
HDFS 5523	Family Theory	
HDFS 5583	Human Sexuality	
Thesis		
MPH 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**42**

Public Health Practicum

Total Hours: 42

Code	Title	Hours
Core Courses		
MPH 5653	Foundations of Public Health Education and Promotion	3
or HLTH 5653	Foundations of Public Health Education and Promotion	
REMS 5953	Statistical Methods in Education	3
or MPH 5203	Evidence-Based Approaches to Public Health	
HLTH 5323	General Epidemiology	3
or MPH 5323	General Epidemiology	
HLTH 5133	Environmental Health	3
or MPH 5133	Environmental Health	
HCA 5013	Survey of Health Care Administration	3
MC 5953	Strategic Health Communications Campaigns	3
or AGCM 5403	Public Relations Campaigns in Agricultural Sciences and Natural Resources	
HCA 5093	Leadership Methods and Styles in Healthcare	3
or MPH 5543	Leadership, Policy, and Ethics in Public Health	
MPH 5453	Cultural Issues in Health	3
or HLTH 5453	Cultural Issues In Health	
MPH 5683	Health Behavior Theory and Practice for Public Health	3
or HLTH 5683	Health Behavior Theory and Practice for Public Health	
HLTH 5973	Designing Public Health Programs	3
or MPH 5973	Designing Public Health Programs	
Select 3 hours from the following:		3
AECL 6223	Program Evaluation in Agriculture and Extension	
REMS 6373	Program Evaluation	
Hours Subtotal		**33**
Guided Electives		
Select 6 hours		6

HLTH 5113	Psychological Aspects of Health	
NSCI 5323	Physical Health, Nutrition, Wellness and Active Aging	
HLTH 5233	Sexuality and Health	
NSCI 5453	Nutrition and Health Disparities	
NSCI 5553	Global Nutrition and Food Security	
NSCI 5713	Public Health Nutrition and Food Policy	
HDFS 5153	Policy in Human Development and Family Science	
HDFS 5403	Foundations in Integrative Aging Studies	
HDFS 5411	Ethics and Aging	
HDFS 5433	Theories of Aging	
HDFS 5493	Aging and Diverse Families	
HDFS 5523	Family Theory	
HDFS 5583	Human Sexuality	
Hours Subtotal		**6**
Thesis		
MPH 5000	Master's Thesis	3
Hours Subtotal		**3**
Total Hours		**42**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Quantitative Finance, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Required Courses		
FIN 5223	Investment Theory and Strategy	3
FIN 5343	Valuation and Financial Modeling	3
FIN 5633	Computational Finance	3
FIN 5653	Bond Markets	3
FIN 5763	Derivative Securities and the Management of Financial Price Risk	3
FIN 5883	Quantitative Financial Applications	3
FIN 5833	Student Managed Investment Fund	3
MATH 5473	Financial Calculus	3
Electives (Partial list) [1]		
Select 9 hours from the following:		9
AGEC 5103	Mathematical Economics	
AGEC 5113	Applications of Mathematical Programming	
BAN 5733	Descriptive Business Analytics	
BAN 5743	Predictive Business Analytics	
BAN 5753	Advanced Business Analytics	
ECON 5213	Econometric Analysis	
ECON 6013	Microeconomic Theory I	
FIN 5053	Theory and Practice of Financial Management	
FIN 5103	Securities Industry Essentials	
FIN 5363	Energy Finance	
FIN 5400	Practicum In Quantitative Finance	
FIN 5773	Financial Engineering	
FIN 5813	Portfolio Management	
FIN 6053	Financial Theory and Corporate Policy	
MATH 5073	Introduction to Analysis	
MATH 5083	Intermediate Analysis	
MATH 5503	Introduction to Optimization	
MATH 5513	Introduction to Numerical Analysis	
MATH 5593	Methods of Applied Mathematics	
MATH 5543	Numerical Analysis for Differential Equations	
MATH 5553	Numerical Analysis for Linear Algebra	
MKTG 5963	Data Mining and Customer Relationship Management Applications	
STAT 5053	Time Series Analysis	
STAT 5123	Probability Theory	
STAT 5253	Mathematical Statistics I	
STAT 5543	Applied Regression Analysis	
Other courses approved by the pre-approved by advisory committee		
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Recreation Management and Recreational Therapy, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Research and Inquiry		
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**6**
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
RMRT 5413	Organization and Administration of Recreation and Leisure Services	3
RMRT 5433	Current Issues in Recreation Management	3
RMRT 5443	Social Foundations of Recreation Management	3
Hours Subtotal		**12**
Cognate		
Select 12 hours, which may include RMRT and LEIS courses, to form a cognate appropriate to the student's goals:		12
RMRT 5030	Field Problems in Recreation Management	
RMRT 5073	Recreational Therapy and Geriatrics	
RMRT 5403	Outdoor Recreation	
RMRT 5423	Supervision of Recreation Management People and Programs	
RMRT 5483	Recreational Therapy for Persons with Physical Disabilities	
RMRT 5493	Recreational Therapy in Mental Health and Intellectual Disabilities	
RMRT 5553	Tourism in Recreation Settings	
RMRT 5563	Entrepreneur Recreation Management	
RMRT 5603	Outdoor Education	
RMRT 5703	Areas and Facilities in Recreation Management Services	
RMRT 5943	Grant Writing and Nonprofit Management	
And other courses as approved by the student's graduate committee.		
Hours Subtotal		**12**
Thesis		
RMRT 5000	Master's Thesis	6
Hours Subtotal		**6**
Total Hours		**36**

Non-Thesis Option

Total Hours: 36

Code	Title	Hours
Research and Inquiry		
REMS 5953	Statistical Methods in Education	3
REMS 5013	Research Design and Methodology	3
Hours Subtotal		**6**
Core Courses		
RMRT 5023	Legal Aspects of Recreation Management, Health, Physical Education, and Leisure Services	3
RMRT 5413	Organization and Administration of Recreation and Leisure Services	3
RMRT 5433	Current Issues in Recreation Management	3
RMRT 5443	Social Foundations of Recreation Management	3
Hours Subtotal		**12**
Cognate		
Select 18 hours, which may include RMRT and LEIS courses, to form a cognate appropriate to the student's goals:		18
RMRT 5030	Field Problems in Recreation Management	
RMRT 5073	Recreational Therapy and Geriatrics	
RMRT 5403	Outdoor Recreation	
RMRT 5423	Supervision of Recreation Management People and Programs	
RMRT 5483	Recreational Therapy for Persons with Physical Disabilities	
RMRT 5493	Recreational Therapy in Mental Health and Intellectual Disabilities	
RMRT 5553	Tourism in Recreation Settings	
RMRT 5563	Entrepreneur Recreation Management	
RMRT 5603	Outdoor Education	
RMRT 5703	Areas and Facilities in Recreation Management Services	
RMRT 5943	Grant Writing and Nonprofit Management	
And other courses as approved by the student's graduate committee.		
Hours Subtotal		**18**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

School Psychology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis

Total Hours: 40

Code	Title	Hours
Required Courses		
FDEP 5493	Psychology of Learning and Behavior	3
EPSY 5103	Human Development in Psychology	3
SPSY 5023	Introduction to School Psychology	3
SPSY 5113	Developmental Psychopathology	3
SPSY 5110	Observation and Participation Field Experience for School Psychology Majors	2
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
SPSY 6253	Single Case Designs in Behavior Analytic Settings	3
SPSY 5210	Introductory Practicum in School Psychology	2
SPSY 6313	Advanced Interventions for Increased Academic Achievement	3
SPSY 5793	Individual Intellectual Assessment of Children and Youth	3
SPSY 5803	Advanced Cognitive Assessment and Theory	3
SPSY 5000	Master's Thesis	6
Total Hours		**40**

Formal Report

Total Hours: 36

Code	Title	Hours
Required Courses		
FDEP 5493	Psychology of Learning and Behavior	3
EPSY 5103	Human Development in Psychology	3
SPSY 5023	Introduction to School Psychology	3
SPSY 5113	Developmental Psychopathology	3
SPSY 5110	Observation and Participation Field Experience for School Psychology Majors	2
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
SPSY 6253	Single Case Designs in Behavior Analytic Settings	3
SPSY 5210	Introductory Practicum in School Psychology	2
SPSY 6313	Advanced Interventions for Increased Academic Achievement	3
SPSY 5793	Individual Intellectual Assessment of Children and Youth	3
SPSY 5803	Advanced Cognitive Assessment and Theory	3
SPSY 5000	Master's Thesis	2
Total Hours		**36**

Creative Component

Total Hours: 38

Code	Title	Hours
Required Courses		
FDEP 5493	Psychology of Learning and Behavior	3
EPSY 5103	Human Development in Psychology	3
SPSY 5023	Introduction to School Psychology	3
SPSY 5113	Developmental Psychopathology	3
SPSY 5110	Observation and Participation Field Experience for School Psychology Majors	2
REMS 5013	Research Design and Methodology	3
REMS 5953	Statistical Methods in Education	3
SPSY 6253	Single Case Designs in Behavior Analytic Settings	3
SPSY 5210	Introductory Practicum in School Psychology	2
SPSY 6313	Advanced Interventions for Increased Academic Achievement	3
SPSY 5793	Individual Intellectual Assessment of Children and Youth	3
SPSY 5803	Advanced Cognitive Assessment and Theory	3
Development of a Creative Component with required or approved coursework (3 hours)		*3*
Recommended approved coursework often associated with Creative Component		
SPSY 6333	Instructional Assessment and Consultation	
SPSY 6343	Behavioral Assessment and Consultation	
SPSY 5503	Crisis Intervention and Emergency Action in School Settings	
SPSY 5853	Applied Behavior Analysis	
Other courses by approval of master's committee		
Directed Reading to accomplish the Creative Component (1 hour)		
SPSY 6850	Directed Readings in School Psychology	1
Total Hours		**38**

Other Requirements

- Maintain a minimum of a 3.25 average on a 4.0 scale in all academic work completed.
- A grade of B or better achieved on all school psychology service delivery course work.
- A grade of B or better achieved on SPSY 5110 and SPSY 5210 practica.
- Participate in annual student evaluation and feedback session through portfolio assessment during annual evaluation: portfolio submission fall of 2nd year.
- Submit practica logs documenting the appropriate number of contact hours for SPSY 5110 and SPSY 5210.

Graduation Requirements

- Successfully complete one of the following: thesis or formal report as evidence of competencies in research design and methodology or Creative component demonstrating competencies in school psychology service delivery or contemporary issues in school psychology.
- Submit required artifacts in LiveText portfolio for annual evaluation demonstrating competencies in school psychology service delivery and educational and psychological foundations and contemporary issues.
  - Curriculum Vitae
  - Written report of an individually administered test of cognitive ability (SPSY 5893 or SPSY 5803)
  - PowerPoint or other work sample of educational and psychological foundations and contemporary issues in school psychology (SPSY 5023)

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master’s Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Social Foundations of Education, MA

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 30

Code	Title	Hours
Required Courses		
SCFD 5123	History of Education	3
SCFD 5713	Educational Philosophy	3
SCFD 5883	Educational Sociology	3
Hours Subtotal		**9**
Research and Inquiry		
SCFD 5913	Introduction to Qualitative Inquiry (Required)	3
One additional research and inquiry course selected in consultation with advisor. Appropriate courses include:		3
CIED 5073	Pedagogical Research	
HIST 5023	Historical Methods	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
SOC 5243	Social Research Design	
SOC 5263	Quantitative Analysis of Social Research	
SOC 5273	Qualitative Research Methods	
SOC 5283	Advanced Qualitative Sociological Research	
STAT 5043	Sample Survey Designs	
Hours Subtotal		**6**
Electives		
Select 9 hours of the following:		9
SCFD 5223	Role of Teacher in American Schools	
SCFD 5850	Directed Study	
SCFD 5873	Culture, Society and Education	
SCFD 5923	Popular Culture and Education	
SCFD 5990	Problems and Issues in Social Foundations	
SCFD 5993	Urban Education	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
CIED 5723	Gender and Curriculum	
EDLE 5813	Leadership Theory and Ethical Decision Making	
EDLE 5953	Developing Educational Organizations	
GWST 5300	Seminar in Gender and Women's Studies	
HIST 5120	Reading Seminar in American History	
HIST 5220	Research Seminar in American History	
HIST 5140	Reading Seminar in European and World History	
HIST 5240	Research Seminar in European and World History	
SOC 5063	Seminar in Social Inequality and Stratification	
SOC 5493	Seminar in Environmental Justice	
SOC 5643	Gender and Society	
SOC 5663	Seminar in Race and Ethnicity	
Hours Subtotal		**9**
Master's Thesis		
SCFD 5000	Master's Report or Thesis	6
Hours Subtotal		**6**
Total Hours		**30**

Creative Component Option

Total Hours: 30

Code	Title	Hours
Required Courses		
SCFD 5123	History of Education	3
SCFD 5713	Educational Philosophy	3
SCFD 5883	Educational Sociology	3
Hours Subtotal		**9**
Research and Inquiry		
SCFD 5913	Introduction to Qualitative Inquiry	3
One additional research and inquiry course selected in consultation with advisor. Appropriate courses include:		3
CIED 5073	Pedagogical Research	
HIST 5023	Historical Methods	
REMS 5013	Research Design and Methodology	
SOC 5243	Social Research Design	
SOC 5263	Quantitative Analysis of Social Research	
SOC 5283	Advanced Qualitative Sociological Research	
STAT 5043	Sample Survey Designs	
SCFD 5223	Role of Teacher in American Schools	
Hours Subtotal		**6**
Electives		
Select 9 hours of the following:		9
SCFD 5850	Directed Study	
SCFD 5873	Culture, Society and Education	
SCFD 5923	Popular Culture and Education	
SCFD 5990	Problems and Issues in Social Foundations	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
CIED 5723	Gender and Curriculum	
EDLE 5813	Leadership Theory and Ethical Decision Making	
EDLE 5953	Developing Educational Organizations	
GWST 5300	Seminar in Gender and Women's Studies	
HIST 5120	Reading Seminar in American History	
HIST 5220	Research Seminar in American History	
HIST 5140	Reading Seminar in European and World History	
HIST 5240	Research Seminar in European and World History	
SOC 5063	Seminar in Social Inequality and Stratification	

SOC 5493	Seminar in Environmental Justice	
SOC 5643	Gender and Society	
SOC 5663	Seminar in Race and Ethnicity	
Hours Subtotal		**9**
Final Project		
SCFD 5020	Master's Final Project	6
Hours Subtotal		**6**
Total Hours		**30**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Sociology, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 31

Code	Title	Hours
Required Coursework		
Sociological Theory		
Select 3 hours:		3
SOC 5113	Classical Sociological Theory	
SOC 5123	Contemporary Sociological Theory	
Social Research Methods		
Select 6 hours:		6
SOC 5243	Social Research Design	
SOC 5273	Qualitative Research Methods	
SOC 5283	Advanced Qualitative Sociological Research	
SOC 5950	Seminar in Sociology	
Statistics		
Select 3 hours:		3
SOC 5263	Quantitative Analysis of Social Research	
SOC 5950	Seminar in Sociology	
Elective Courses [1]		
Select 12 hours:		12
SOC 5063	Seminar in Social Inequality and Stratification	
SOC 5643	Gender and Society	
SOC 5663	Seminar in Race and Ethnicity	
SOC 5463	Seminar in Environmental Sociology	
SOC 5493	Seminar in Environmental Justice	
SOC 5323	Seminar on Collective Behavior and Social Movements	
SOC 6653	Seminar in Social Psychology	
SOC 6753	Seminar in Deviance and Criminology	
SOC 5950	Seminar in Sociology	
Hours Subtotal		**24**
Thesis		
Select 6 hours of approved thesis coursework.		6
Hours Subtotal		**6**
Pro-Seminar		
Select 1 hour of approved pro-seminar coursework.		1
Hours Subtotal		**1**
Total Hours		**31**

[1] Other courses as approved by advisory committee.

Non-Thesis Option

Total Hours: 32

Code	Title	Hours
Required Coursework		
Sociological Theory		
Select 3 hours:		3
SOC 5113	Classical Sociological Theory	
SOC 5123	Contemporary Sociological Theory	
Social Research Methods		
Select 6 hours:		6
SOC 5243	Social Research Design	
SOC 5273	Qualitative Research Methods	
SOC 5283	Advanced Qualitative Sociological Research	
SOC 5950	Seminar in Sociology	
Statistics		
Select 3 hours:		3
SOC 5263	Quantitative Analysis of Social Research	
SOC 5950	Seminar in Sociology	
Elective Courses [2]		
Select 16 hours:		16
SOC 5063	Seminar in Social Inequality and Stratification	
SOC 5643	Gender and Society	
SOC 5663	Seminar in Race and Ethnicity	
SOC 5463	Seminar in Environmental Sociology	
SOC 5493	Seminar in Environmental Justice	
SOC 5323	Seminar on Collective Behavior and Social Movements	
SOC 6653	Seminar in Social Psychology	
SOC 6753	Seminar in Deviance and Criminology	
SOC 5950	Seminar in Sociology	
Hours Subtotal		**28**
Creative Component		
SOC 5013	Creative Component in Sociology	3
Hours Subtotal		**3**
Pro-Seminar		
Select 1 hour of approved pro-seminar coursework.		1
Hours Subtotal		**1**
Total Hours		**32**

[2] Other graduate courses as approved by advisory committee.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Statistics, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 36

Code	Title	Hours
Required Courses		
STAT 5023	Statistics for Experimenters II	3
STAT 5063	Statistical Machine Learning with R	3
STAT 5193	SAS and R Programming	3
STAT 5123	Probability Theory	3
STAT 5223	Statistical Inference	3
STAT 5303	Experimental Designs	3
STAT 5323	Generalized, Linear and Mixed Models	3
STAT 5333	Theory of Linear Models	3
Hours Subtotal		**24**
Electives [1]		
Select 6 hours of electives. [1]		6
Hours Subtotal		**6**
Thesis		
Thesis Research		6
Hours Subtotal		**6**
Total Hours		**36**

[1] Three hours need not have STAT or MATH suffix. Electives must not have significant overlap with other courses used to satisfy degree requirements. Electives without a STAT prefix require approval from the advisory committee. The following courses will NOT be approved: AGEC 5103, BAE 5513, IEM 5003, IEM 5133, PSYC 5303, PSYC 5313, REMS 5013, REMS 5953, REMS 6003, REMS 6013, STAT 5013.

Formal Report

Total Hours: 32

Code	Title	Hours
Required Courses		
STAT 5023	Statistics for Experimenters II	3
STAT 5063	Statistical Machine Learning with R	3
STAT 5193	SAS and R Programming	3
STAT 5123	Probability Theory	3
STAT 5223	Statistical Inference	3
STAT 5303	Experimental Designs	3
STAT 5323	Generalized, Linear and Mixed Models	3
STAT 5333	Theory of Linear Models	3
Hours Subtotal		**24**
Electives [1]		
Select 6 hours of electives. [1]		6
Hours Subtotal		**6**
Formal Report		
Select 2 hours		2
Hours Subtotal		**2**
Total Hours		**32**

[1] Three hours need not have STAT or MATH suffix. Electives must not have significant overlap with other courses used to satisfy degree requirements. Electives without a STAT prefix require approval from the advisory committee. The following courses will NOT be approved: AGEC 5103, BAE 5513, IEM 5003, IEM 5133, PSYC 5303, PSYC 5313, REMS 5013, REMS 5953, REMS 6003, REMS 6013, STAT 5013.

Creative Component

Total Hours: 36

Code	Title	Hours
Required Courses		
STAT 5023	Statistics for Experimenters II	3
STAT 5063	Statistical Machine Learning with R	3
STAT 5193	SAS and R Programming	3
STAT 5123	Probability Theory	3
STAT 5223	Statistical Inference	3
STAT 5303	Experimental Designs	3
STAT 5323	Generalized, Linear and Mixed Models	3
STAT 5333	Theory of Linear Models	3
Select 3 hours of electives [1]		3
Hours Subtotal		**27**
Select 9 hours of STAT or MATH electives [2]		9
Creative Component [3]		
Hours Subtotal		**9**
Total Hours		**36**

[1] This elective need not have STAT or MATH suffix and must not have significant overlap with other courses used to satisfy degree requirements. Electives without a STAT prefix require pre-approval from the advisory committee. The following courses will NOT be approved: AGEC 5103, BAE 5513, IEM 5003, IEM 5133, PSYC 5303, PSYC 5313, REMS 5013, REMS 5953, REMS 6003, REMS 6013, STAT 5013.

[2] Up to 9 credit hours can be chosen from MATH 5043, MATH 5053, MATH 5073, MATH 5083, MATH 5143.

[3] A satisfactory score on the MS Comprehensive Exam is necessary to satisfy this requirement. The MS Comprehensive Exam also serves as the PhD Preliminary Exam.

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teaching, Learning and Leadership: Curriculum and Leadership Studies, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Thesis Option

Total Hours: 33

Code	Title	Hours
Common Core		
CIED 5053	Curriculum Issues	3
CIED 5813	Educational Advocacy and Leadership	3
Hours Subtotal		**6**
Research and Inquiry		
CIED 5073	Pedagogical Research	3
Hours Subtotal		**3**
Program Core		
CIED 5623	Multicultural and Diversity Issues in Curriculum	3
CIED 5043	Issues in Teaching	3
Or selected course with advisor's approval		
Hours Subtotal		**6**
Area of Emphasis		
Curriculum and Leadership		
Select 12 hours from the following:		12
CIED 5043	Issues in Teaching	
CIED 5123	Curriculum in the Secondary School	
CIED 5173	Kindergarten-Primary Curriculum	
CIED 5183	Media Literacy Across the Curriculum	
CIED 5313	Curriculum of the Elementary School	
CIED 5343	Introduction to K-12 English Language Learners	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
CIED 5723	Gender and Curriculum	
CIED 5730	Seminar in Education	
CIED 5823	Mindfulness, Curriculum, and Teaching	
OSU Writing Project OR other courses with Advisor's approval		
Hours Subtotal		**12**
Thesis		
CIED 5000	Master's Report or Thesis	6
Hours Subtotal		**6**
Total Hours		**33**

Creative Component Option

Total Hours: 33

Code	Title	Hours
Common Core		
CIED 5053	Curriculum Issues	3
CIED 5813	Educational Advocacy and Leadership	3
Hours Subtotal		**6**
Research and Inquiry		
CIED 5073	Pedagogical Research	3
Hours Subtotal		**3**
Program Core		
CIED 5623	Multicultural and Diversity Issues in Curriculum	3
CIED 5043	Issues in Teaching	3
Or selected course with advisor's approval		
Hours Subtotal		**6**
Area of Emphasis		
Curriculum and Leadership		
Select 12 hours from the following:		12
CIED 5043	Issues in Teaching	
CIED 5123	Curriculum in the Secondary School	
CIED 5173	Kindergarten-Primary Curriculum	
CIED 5183	Media Literacy Across the Curriculum	
CIED 5313	Curriculum of the Elementary School	
CIED 5343	Introduction to K-12 English Language Learners	
CIED 5623	Multicultural and Diversity Issues in Curriculum	
CIED 5723	Gender and Curriculum	
CIED 5730	Seminar in Education	
CIED 5823	Mindfulness, Curriculum, and Teaching	
OSU Writing Project OR other courses with Advisor's approval		
Hours Subtotal		**12**
Electives		
Courses with Advisor's approval		6
Hours Subtotal		**6**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teaching, Learning and Leadership: K-12 Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Common Core		
CIED 5053	Curriculum Issues *	3
CIED 5813	Educational Advocacy and Leadership *	3
Hours Subtotal		**6**
Research Requirement		
Select one research course and ensure three courses found in the common or program core that are designated with an asterisk (*) are selected.		3
SCFD 5913	Introduction to Qualitative Inquiry (OR)	
REMS 5013	Research Design and Methodology (OR)	
CIED 5073	Pedagogical Research (OR)	
REMS 5953	Statistical Methods in Education	
Hours Subtotal		**3**
Program Core		
CIED 5043	Issues in Teaching *	3
Select 3 hours from the following:		3
CIED 5343	Introduction to K-12 English Language Learners	
CIED 5623	Multicultural and Diversity Issues in Curriculum *	
CIED 5663	Integrating Teaching in the Secondary School	
SMED 5183	Teaching Science and Mathematics for Understanding in the Contemporary Classroom	
SPED 5993	Culturally Responsive Teaching in Special Education	
Hours Subtotal		**6**
Areas of Emphasis		
In consultation with an advisor, select 18 hours from the following:		18
CIED 5713	Teaching and Learning in the Secondary School	
CIED 5350	The Visual Arts in the Curriculum	
CIED 5153	Advanced Studies in Children's Literature	
CIED 5353	Literature for Children, Adolescents and Adults	
CIED 5443	Teaching Reading with Literature	
CIED 5513	Young Adult Literature	
CIED 5173	Kindergarten-Primary Curriculum	
CIED 5313	Curriculum of the Elementary School	
CIED 5123	Curriculum in the Secondary School	
CIED 5143	Language Arts in the Curriculum	
CIED 5183	Media Literacy Across the Curriculum	
CIED 5433	Reading and Writing in the Content Areas	
CIED 5463	Practicum I: Literacy Assessment and Instruction	
CIED 5473	Reading & Writing Difficulties	
CIED 5483	Literacy and Technology Across the Curriculum	
CIED 5553	Literacy Leadership and Coaching	
CIED 5733	History of Reading	
CIED 5843	First and Second Language Acquisition for Teachers	
CIED 5863	Foreign Language Instruction, Curriculum and Assessment: Grades Pk-12	
CIED 5423	Literacy Instruction in Primary Grades *	
CIED 5523	Practicum II: Advanced Literacy Interventions	
CIED 5493	Multisensory Phonics Instruction	
SMED 5050	Seminar in Integrated Mathematics and Science Applications	
SMED 5253	Teaching Rational Number Concepts, Proportional Reasoning, and Classroom Interactions *	
SMED 5263	Assessment and Evaluation in School Mathematics *	
SMED 5270	Practicum in School Mathematics	
SMED 5273	Number Concepts and Assessment at the Elementary Level (PK-6)	
SMED 5283	Inquiry Teaching and Learning in Science and Mathematics Education	
SMED 5293	Teaching and Learning Mathematics in Technology *	
SMED 5913	Teaching Geometry and Spatial Visualization	
SMED 5923	Teaching Algebra and Mathematical Tasks	
SMED 5933	Teaching Data and Probability in Schools	
SMED 5943	Mathematics Leadership and Coaching	
SMED 5203	Teaching the Nature of Science Through and Inquiry Approach	
SMED 5713	Teaching and Learning Science in the Secondary School	
SMED 5193	Inquiry and Problem-Based Learning in Science Education	
SMED 5223	Teaching Science in the Schools	
SMED 5050	Seminar in Integrated Mathematics and Science Applications	
SMED 5243	Environmental Education in the Curriculum	
SMED 5280	Workshop in Science Education	
SMED 5313	Introduction to K-12 Engineering Education	
SMED 5323	Technology for the K-12 STEM Educator	
SMED 5333	Developing Informal and Formal STEM Programs in Schools	
CIED 5323	Teaching Social Studies in the Schools	
SPED 5623	Characteristics of Students with Mild/ Moderate Disabilities	
SPED 5743	Planning, Compliance and Current Practices	

SPED 5883	Classroom and Behavior Management	
SPED 5993	Culturally Responsive Teaching in Special Education	
CIED 5720	Education Workshop	
CIED 5730	Seminar in Education	
CIED 5373	Design and Management of the Elementary School Classroom	
CIED 5893	Reading Processes and Practices GR 1-8	
SMED 5013	Mathematics Education: Theory and Practice(Grade 1-4)	
SMED 5083	Teaching Science in the Elementary School (Grades 1-8)	
CIED 5333	Effective Classroom Management for Secondary Schools	
CIED 5363	Effective Teaching Strategies for the 6-12 Classroom	
CIED 5010	Practicum for Early Career Secondary Teachers	
CIED 5403	Teaching and Learning in the Secondary Schools: English Language Arts Methods	
CIED 5413	Teaching and Learning in the Secondary Schools: Social Studies Methods	
SMED 5153	Methods for Teaching Secondary Math	
SMED 5143	Methods for Teaching Secondary Science	
Hours Subtotal		**18**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teaching, Learning and Leadership: Mathematics/Science Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 36

Code	Title	Hours
Common Program Core		
CIED 5053	Curriculum Issues	3
CIED 5813	Educational Advocacy and Leadership	3
Hours Subtotal		**6**
Research Requirement		
Select 6 hours from the following:		6
CIED 5073	Pedagogical Research	
MATH 5913	Introduction to Research in Mathematics Education	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
STAT 5013	Statistics for Experimenters I	
SCFD 5913	Introduction to Qualitative Inquiry	
Hours Subtotal		**6**
Program Core		
SMED 5750	Seminar in Mathematics Education	3
SMED 5193	Inquiry and Problem-Based Learning in Science Education	3
or SMED 5283	Inquiry Teaching and Learning in Science and Mathematics Education	
Hours Subtotal		**6**
Areas of Emphasis		
Select 12 hours		12
Hours Subtotal		**12**
Elective or Thesis		
Select 6 hours		6
SMED 5050	Seminar in Integrated Mathematics and Science Applications	
SMED 5193	Inquiry and Problem-Based Learning in Science Education	
SMED 5223	Teaching Science in the Schools	
SMED 5243	Environmental Education in the Curriculum	
SMED 5253	Teaching Rational Number Concepts, Proportional Reasoning, and Classroom Interactions	
SMED 5263	Assessment and Evaluation in School Mathematics	
SMED 5270	Practicum in School Mathematics	
SMED 5273	Number Concepts and Assessment at the Elementary Level (PK-6)	
SMED 5280	Workshop in Science Education	
SMED 5283	Inquiry Teaching and Learning in Science and Mathematics Education	
SMED 5293	Teaching and Learning Mathematics in Technology	
SMED 5313	Introduction to K-12 Engineering Education	
SMED 5323	Technology for the K-12 STEM Educator	
SMED 5333	Developing Informal and Formal STEM Programs in Schools	
SMED 5613	Effective Teaching of Mathematics in the Secondary School	
SMED 5750	Seminar in Mathematics Education	
SMED 5813	Assessment in Science Education	
SMED 5913	Teaching Geometry and Spatial Visualization	
SMED 5923	Teaching Algebra and Mathematical Tasks	
SMED 5933	Teaching Data and Probability in Schools	
SMED 5943	Mathematics Leadership and Coaching	
Hours Subtotal		**6**
Total Hours		**36**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teaching, Learning and Leadership: Reading and Literacy, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Common Core		
CIED 5053	Curriculum Issues	3
CIED 5813	Educational Advocacy and Leadership	3
Hours Subtotal		**6**
Area of Emphasis (Reading Specialist Certification Program)		
CIED 5143	Language Arts in the Curriculum	3
CIED 5153	Advanced Studies in Children's Literature	3
CIED 5423	Literacy Instruction in Primary Grades	3
CIED 5433	Reading and Writing in the Content Areas	3
CIED 5463	Practicum I: Literacy Assessment and Instruction	3
CIED 5473	Reading & Writing Difficulties	3
CIED 5493	Multisensory Phonics Instruction	3
CIED 5523	Practicum II: Advanced Literacy Interventions	3
CIED 5553	Literacy Leadership and Coaching	3
Hours Subtotal		**27**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

Teaching, Learning and Leadership: Special Education, MS

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about Graduate College Academic Regulation 7.0 (p.).

Total Hours: 33

Code	Title	Hours
Common Core		
CIED 5053	Curriculum Issues	3
CIED 5813	Educational Advocacy and Leadership	3
or SPED 5643	Working with Families of Students with Diverse Needs	
Hours Subtotal		**6**
Research and Inquiry		
Select 3 hours from the following:		3
CIED 5073	Pedagogical Research	
REMS 5013	Research Design and Methodology	
REMS 5953	Statistical Methods in Education	
SPSY 6253	Single Case Designs in Behavior Analytic Settings	
Hours Subtotal		**3**
Program Core		
Select 6 hours from the following:		6
SPED 5123	Characteristics and Teaching Methods for Students with Autism Spectrum Disorders	
SPED 5723	Transition Into Adulthood for Individuals with Disabilities	
SPED 5743	Planning, Compliance and Current Practices	
Area of Emphasis		
Select one emphasis (15 hours)		15
Behavior and Academic Interventionist		
FDEP 5493	Psychology of Learning and Behavior	
SPSY 5853	Applied Behavior Analysis	
SPSY 5873	Applied Behavior Analysis II	
SPSY 6313	Advanced Interventions for Increased Academic Achievement	
SPSY 6343	Behavioral Assessment and Consultation	
Or related coursework as deemed appropriate by student's advisor.		
Mild/Moderate Disabilities		
Select 15 hours from the following:		
CIED 5473	Reading & Writing Difficulties	
SPED 5123	Characteristics and Teaching Methods for Students with Autism Spectrum Disorders	
SPED 5623	Characteristics of Students with Mild/ Moderate Disabilities	
SPED 5673	Improving Literacy Skills of Individuals with Disabilities	
SPED 5683	Models of Instruction in the Inclusive Classroom	
SPED 5783	Assessing Students with Disabilities	
SPED 5883	Classroom and Behavior Management	
SPED 5993	Culturally Responsive Teaching in Special Education	
Or related coursework as deemed appropriate by student's advisor		
Hours Subtotal		**21**
Electives or Thesis		
Select 3 hours with Advisor approval.		3
Each student must complete either 3 hours of thesis (SPED 5000 or equivalent content course) or SPED 5150 (3 hours) or 3 hours of electives. Students must discuss their options with their advisor.		
Hours Subtotal		**3**
Total Hours		**33**

Graduate College Master's Program Requirements

Learn more about Graduate College 2026-2027 Master's Degree Program Requirements (p. 3005). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.