



OKLAHOMA STATE UNIVERSITY

# 2013- 2014

UNDERGRADUATE  
PROGRAMS &  
REQUIREMENTS



**2013-2014**

# **Undergraduate Programs and Requirements**



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Stillwater, Oklahoma 74078

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## UN-1 - Additional Opportunities

Honors College Awards and Honors College Degree  
Pre-Law, Pre-Medicine and Other Pre-Professional Programs  
Minors and Certificates  
Second Baccalaureate Degree  
Second Major

## The programs listed appear in the following order:

College  
Degree  
Page # - Major  
or  
Page # - Major - Option

## University

### Bachelor of University Studies

UN-2 - University Studies  
UN-3 - University Studies - *Multidisciplinary Studies*

## College of Agricultural Sciences and Natural Resources

### Bachelor of Landscape Architecture

AG-1 - Landscape Architecture

### Bachelor of Science in Agricultural Sciences and Natural Resources

AG-2 - Agribusiness  
AG-3 - Agribusiness - *Agricultural Communications Double Major*  
AG-4 - Agribusiness - *Crop and Soil Sciences*  
AG-5 - Agribusiness - *Farm and Ranch Management*  
AG-6 - Agribusiness - *Finance*  
AG-7 - Agribusiness - *International*  
AG-8 - Agribusiness - *Management*  
AG-9 - Agribusiness - *Marketing*  
AG-10 - Agribusiness - *Pre-Law*  
AG-11 - Agribusiness - *Pre-Veterinary Business Management*  
AG-12 - Agricultural Communications  
AG-13 - Agricultural Communications - *Agribusiness Double Major*  
AG-14 - Agricultural Communications - *Animal Science Double Major*  
AG-15 - Agricultural Economics  
AG-16 - Agricultural Economics - *Accounting Double Major*  
AG-17 - Agricultural Education - *Agricultural Communications*  
AG-18 - Agricultural Education - *Horticulture Double Major*  
AG-19 - Agricultural Education - *Teaching*  
AG-20 - Agricultural Leadership - *Extension Education*  
AG-21 - Agricultural Leadership - *General*  
AG-22 - Agricultural Leadership - *International Studies*  
AG-23 - Animal Science - *Agricultural Communications Double Major*  
AG-24 - Animal Science - *Agricultural Education Double Major*  
AG-25 - Animal Science - *Animal Biotechnology*  
AG-26 - Animal Science - *Business*  
AG-27 - Animal Science - *International*  
AG-28 - Animal Science - *Livestock Merchandising*  
AG-29 - Animal Science - *Pre-Veterinary Animal Science*  
AG-30 - Animal Science - *Production*  
AG-31 - Animal Science - *Ranch Operations*  
AG-32 - Biochemistry and Molecular Biology  
AG-33 - Biochemistry and Molecular Biology - *Pre-Medical or Pre-Veterinary Science*  
AG-34 - Entomology - *Bioforensics, Pre-Veterinary and Pre-Medical Sciences*  
AG-35 - Entomology - *Insect Biology and Ecology*  
AG-36 - Environmental Science - *Environmental Policy*  
AG-37 - Environmental Science - *Natural Resources*  
AG-38 - Environmental Science - *Water Resources*  
AG-39 - Food Science - *Industry*  
AG-40 - Food Science - *Meat Science*  
AG-41 - Food Science - *Science*  
AG-42 - Horticulture - *Horticultural Business*  
AG-43 - Horticulture - *Horticultural Science*  
AG-44 - Horticulture - *Public Horticulture*  
AG-45 - Horticulture - *Turf Management*  
AG-46 - Landscape Management

AG-47 - Natural Resource Ecology and Management - *Fire Ecology and Management*  
AG-48 - Natural Resource Ecology and Management - *Fisheries and Aquatic Ecology*  
AG-49 - Natural Resource Ecology and Management - *Forest Ecology and Management*  
AG-50 - Natural Resource Ecology and Management - *Natural History and Conservation*  
AG-51 - Natural Resource Ecology and Management - *Rangeland Ecology and Management*  
AG-52 - Natural Resource Ecology and Management - *Wildlife Biology and Preveterinary Science*  
AG-53 - Natural Resource Ecology and Management - *Wildlife Ecology and Management*  
AG-54 - Plant and Soil Sciences - *Agronomic Business*  
AG-55 - Plant and Soil Sciences - *Crop Production and Management*  
AG-56 - Plant and Soil Sciences - *Plant Biotechnology and Improvement*  
AG-57 - Plant and Soil Sciences - *Soil and Water Resources*

## College of Arts and Sciences

### Bachelor of Arts

AS-1 - American Studies  
AS-2 - Art - *Art History*  
AS-3 - Art - *Studio Art*  
AS-4 - Economics - *General*  
AS-4 - Economics - *International Economic Relations*  
AS-5 - English  
AS-6 - English - *Creative Writing*  
AS-7 - English - *Screen Studies*  
AS-8 - English - *Professional Writing*  
AS-9 - French  
AS-10 - Geography  
AS-11 - German  
AS-12 - History  
AS-13 - Liberal Studies  
AS-14 - Mathematics  
AS-15 - Multimedia Journalism  
AS-16 - Music  
AS-17 - Philosophy  
AS-18 - Political Science  
AS-19 - Psychology  
AS-20 - Russian Language and Literature  
AS-21 - Sociology  
AS-22 - Sociology - *Anthropology*  
AS-23 - Sociology - *Applied Sociology*  
AS-24 - Spanish  
AS-25 - Sports Media  
AS-26 - Strategic Communication  
AS-27 - Theatre

### Bachelor of Fine Arts

AS-28 - Art - *Graphic Design*  
AS-29 - Art - *Studio*

### Bachelor of Music

AS-30 - Music - *Elective Studies in Business*  
AS-31 - Music - *Performance*  
AS-32 - Music Education - *Instrumental/Vocal Certification*

### Bachelor of Science

AS-33 - Biochemistry  
AS-34 - Biological Science  
AS-35 - Botany  
AS-36 - Chemistry - *ACS Approved*  
AS-37 - Chemistry - *Departmental Degree*  
AS-38 - Communication Sciences and Disorders  
AS-39 - Computer Science  
AS-40 - Economics  
AS-41 - Geography  
AS-42 - Geology  
AS-43 - Liberal Studies  
AS-44 - Mathematics  
AS-45 - Microbiology/Cell and Molecular Biology - *Biomedical Science*  
AS-46 - Microbiology/Cell and Molecular Biology - *Clinical Laboratory Science*  
AS-47 - Microbiology/Cell and Molecular Biology - *Microbial Ecology/Environmental*  
AS-48 - Microbiology/Cell and Molecular Biology - *Microbial Pathogenesis*  
AS-49 - Microbiology/Cell and Molecular Biology - *Molecular Genetics*

AS-50 - Multimedia Journalism  
 AS-51 - Physics  
 AS-52 - Physics - *Applied Physics*  
 AS-53 - Physiology  
 AS-54 - Political Science  
 AS-55 - Psychology  
 AS-56 - Sociology  
 AS-57 - Sociology - *Anthropology*  
 AS-58 - Sociology - *Applied Sociology*  
 AS-59 - Sports Media  
 AS-60 - Statistics  
 AS-61 - Strategic Communication  
 AS-62 - Zoology

## College of Education

### Bachelor of Science

ED-1 - Education - *Non-Certification*  
 ED-2 - Health Education and Promotion - *Community Health Education*  
 ED-3 - Health Education and Promotion - *Exercise and Health*  
 ED-4 - Recreation Management and Therapeutic Recreation - *Recreation Management*  
 ED-5 - Recreation Management and Therapeutic Recreation - *Therapeutic Recreation*  
 ED-6 - Physical Education - *Teacher Education*  
 ED-7 - Aerospace Administration and Operations - *Aerospace Logistics*  
 ED-8 - Aerospace Administration and Operations - *Aviation Management*  
 ED-9 - Aerospace Administration and Operations - *Aerospace Security*  
 ED-10 - Aerospace Administration and Operations - *Professional Pilot*  
 ED-11 - Aerospace Administration and Operations - *Technical Service Management*  
 ED-12 - Career and Technical Education - *Business and Information Technology Education*  
 ED-13 - Career and Technical Education - *Health Occupations Education*  
 ED-14 - Career and Technical Education - *Marketing Education*  
 ED-15 - Career and Technical Education - *Certification*  
 ED-16 - Career and Technical Education - *Non-Certification*  
 ED-17 - Career and Technical Education - *Technology Education*  
 ED-18 - Elementary Education  
 ED-19 - Secondary Education - *English*  
 ED-20 - Secondary Education - *Foreign Language*  
 ED-21 - Secondary Education - *Mathematics*  
 ED-22 - Secondary Education - *Science*  
 ED-23 - Secondary Education - *Social Studies*

## College of Engineering, Architecture and Technology

### Bachelor of Science in Aerospace Engineering

EN-1 - Aerospace Engineering

### Bachelor of Science in Biosystems Engineering

EN-2 - Biosystems Engineering - *Biomechanical*  
 EN-3 - Biosystems Engineering - *Bioprocessing and Biotechnology*  
 EN-4 - Biosystems Engineering - *Environment and Natural Resources*  
 EN-5 - Biosystems Engineering - *Food Processing*

### Bachelor of Science in Chemical Engineering

EN-6 - Chemical Engineering  
 EN-7 - Chemical Engineering - *Biomedical/Biochemical*  
 EN-8 - Chemical Engineering - *Environmental*  
 EN-9 - Chemical Engineering - *Pre-Medical*

### Bachelor of Science in Civil Engineering

EN-10 - Civil Engineering  
 EN-11 - Civil Engineering - *Environmental*

### Bachelor of Science in Computer Engineering

EN-12 - Computer Engineering

### Bachelor of Science in Electrical Engineering

EN-13 - Electrical Engineering

### Bachelor of Science in Industrial Engineering and Management

EN-14 - Industrial Engineering and Management

### Bachelor of Science in Mechanical Engineering

EN-15 - Mechanical Engineering  
 EN-16 - Mechanical Engineering - *Biomedical Engineering*  
 EN-17 - Mechanical Engineering - *Pre-Medical*

### Bachelor of Architecture

EN-18 - Architecture

### Bachelor of Architectural Engineering

EN-19 - Architectural Engineering - *Structures*

### Bachelor of Science in Engineering Technology

EN-20 - Construction Management Technology - *Building*  
 EN-21 - Construction Management Technology - *Heavy*  
 EN-22 - Electrical Engineering Technology  
 EN-23 - Electrical Engineering Technology - *Computer*  
 EN-24 - Fire Protection and Safety Technology  
 EN-25 - Mechanical Engineering Technology

## College of Human Sciences

### Bachelor of Science in Human Sciences

HS-1 - Design, Housing and Merchandising - *Apparel Design and Production*  
 HS-2 - Design, Housing and Merchandising - *Interior Design*  
 HS-3 - Design, Housing and Merchandising - *Merchandising*  
 HS-4 - Hotel and Restaurant Administration  
 HS-5 - Human Development and Family Science - *Child and Family Services*  
 HS-6 - Human Development and Family Science - *Early Childhood Education*  
 HS-7 - Human Development and Family Science - *Family and Consumer Sciences Education*  
 HS-8 - Nutritional Sciences - *Allied Health*  
 HS-9 - Nutritional Sciences - *Community Nutrition*  
 HS-10 - Nutritional Sciences - *Dietetics*  
 HS-11 - Nutritional Sciences - *Dietetics and Exercise*  
 HS-12 - Nutritional Sciences - *Human Nutrition/Pre-Medical Sciences*  
 HS-13 - Nutritional Sciences - *Nutrition and Exercise*

## Spears School of Business

### Bachelor of Science in Business Administration

BUS-1 - Accounting  
 BUS-2 - Economics  
 BUS-3 - Economics - *Business Economics and Quantitative Studies*  
 BUS-4 - Economics - *Pre-Law*  
 BUS-5 - Entrepreneurship  
 BUS-6 - Finance - *Two Options*  
 BUS-7 - General Business  
 BUS-8 - General Business - *Pre-Law*  
 BUS-9 - International Business  
 BUS-10 - Management  
 BUS-11 - Management - *Business Sustainability*  
 BUS-12 - Management - *Human Resource Management*  
 BUS-13 - Management - *Sports Management*  
 BUS-14 - Management Information Systems  
 BUS-15 - Management Information Systems - *Information Assurance*  
 BUS-16 - Management Information Systems - *Management Science and Computer Systems*  
 BUS-17 - Marketing

## Requirements for Minors and Certificates

MNR-1 - College of Agricultural Sciences and Natural Resources  
 MNR-2 - College of Arts and Sciences  
 MNR-4 - College of Education  
 MNR-5 - College of Engineering, Architecture and Technology  
 MNR-5 - College of Human Sciences  
 MNR-6 - Spears School of Business  
 CERT-1 - Undergraduate Certificate / Certificate

# Additional Opportunities

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## **The Honors College Awards and The Honors College Degree**

The Honors College allows outstanding undergraduate students to earn the General Honors Award and the Departmental or College Honors Award in their majors. Students earning a minimum of 39 honors credit hours with grades of "A" or "B", completing both awards and graduating with cumulative and OSU grade-point averages of 3.50 or higher, earn The Honors College Degree (the highest honor conferred with the undergraduate degree at OSU) and receive a special honors diploma. Students may earn an international study emphasis by completing study outside the United States. Honors sections of many general education courses, interdisciplinary honors courses, and special honors seminars allow The Honors College students the advantages of small classes that encourage active interaction with outstanding professors. Students who are active participants in The Honors College also have access to The Honors College Lounge in the Library with its computer facility, priority enrollment for the following semester, and optional honors housing. For more information, contact the director of The Honors College.

## **Pre-Law, Pre-Medicine and Other Pre-Professional Programs**

Students planning to enter a professional school should visit with their advisers and consult professional school admission and course work requirements listed in the specific school catalog. Many professional schools select students with a variety of bachelor's degrees, although most require a minimum basic core curriculum. Preprofessional program information is available in such areas as law, medicine, dental hygiene, dentistry, nursing, occupational therapy, optometry, osteopathy, pharmacy, physical therapy, physician's associate, radiologic technology, social work, veterinary medicine, etc. For more information contact your adviser or the director of student academic services in your college or the Center for Prehealth Professions in the College of Arts and Sciences.

## **Minors and Certificates**

A student who wishes to gain educational expertise in diverse areas may choose a minor or certificate. Minors or certificates are collections of courses (10-29 credit hours) focused on a particular subject area outside the student's degree program. Minors and certificates are noted on the transcript. A list of the requirements of current minors and certificates is available in the back of this book or online at [registrar.okstate.edu](http://registrar.okstate.edu).

## **Second Baccalaureate Degree**

A student who completed a baccalaureate degree may use all applicable courses toward a second bachelor's degree and receive a second diploma. A minimum of 30 semester credit hours of additional work, including all requirements of the second bachelor's degree, is required. For more information, see Academic Regulation 3.10 in the *OSU Catalog*, contact an adviser or the director of student academic services.

## **Second Major**

If a student majoring in one field also completes the requirements for a major in another field, the additional major will be noted on the student's transcript when the student graduates. Only the first major, however, is noted on the OSU diploma. The second major does not necessarily require hours above the minimum required for the first major, but may depend upon the use of electives or overlap between the two fields. For more information, contact an adviser, the director of student academic services, or the appropriate department.



**COLLEGE OF \_\_\_\_\_ (TO BE SELECTED)**  
**OKLAHOMA STATE UNIVERSITY**

**Requirements for Students Matriculating in or before Academic Year 2013-2014**

**BACHELOR of UNIVERSITY STUDIES**

**MAJOR: University Studies**

**Minimum overall grade-point average / 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours / 120**

*Other GPA requirements see below.*

**PURPOSE**

Individualization and flexibility are features of the program leading to the degree of Bachelor of University Studies. The program is designed for goal-directed, motivated, and mature students who find that the present degree programs (majors) at the University will not enable them to attain their educational objectives. The Bachelor of University Studies degree program allows a student to use the total resources of the University available to accomplish unique educational objectives. The program may or may not prepare a student for a particular occupation or for entry into a professional school.

**DEGREE REQUIREMENTS**

1. All students who intend to present a program for the University Studies degree should be enrolled in one of the colleges of the University or the Office of University Academic Services.
2. The study plan must include no fewer than 50 upper-division semester credit hours which are selected from two or more disciplines and which in their aggregate comprise a rational combination of concepts and skills.
3. The study plan must fulfill all general education requirements of the University (English composition, American history, American government, analytical & quantitative thought, humanities, natural sciences, social & behavioral sciences, international dimension, scientific investigation, and diversity courses). Additional general education courses may be required by the college in which the degree is granted.
4. A minimum of 120 semester credit hours shall be required for granting the degree.

**PROCEDURE**

Students who believe their educational objectives can best be fulfilled through a Bachelor of University Studies degree program will be responsible for complying with the following procedures:

1. Obtain the declaration of major form for the Bachelor of University Studies from the Office of Director of Student Academic Services in the college that will grant the degree, the Office of University Academic Services, or Advising Center at OSU-Tulsa.
2. Complete the form with help of an adviser and submit it along with copies of the student's transcript(s) to the office of the dean of the college from which the degree is to be awarded.
3. The dean or a designated administrative officer of the college will schedule an interview with the student to determine whether the student's educational objectives can best be met through a Bachelor of University Studies degree program or through one of the departmental degree programs.
4. If it is determined that the student's education objectives can be met best by the Bachelor of University Studies degree program, the student will work with an adviser to identify an advisory body of at least two departmental representatives (faculty members or advisers).
5. The student will obtain signatures from the departmental representatives showing approval of the major.
6. The student will submit the completed application to the office of the dean. The dean or designated college official will review the application and determine if the request complies with requirements of the Bachelor of University Studies degree. If the application is approved by the dean, it will be forwarded to the Office of the Vice President for Academic Affairs.
7. Copies of applications approved or denied by the Office of Vice President for Academic Affairs will be sent to the student and the dean. Approved applications will also be sent to the Office of the Registrar, where they will be used for checking graduation requirements.
8. Any necessary changes in the approved program should be requested by the student through the student's adviser and dean.
9. The student will be responsible for fulfilling the approved graduation requirements for the degree and should submit a diploma application at the time of enrollment for final semester of course work.

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 2019.

Signature on file in the Office of the Registrar

\_\_\_\_\_  
 ASSOCIATE VICE PRESIDENT



Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of UNIVERSITY STUDIES**

**MAJOR: University Studies      OPTION: Multidisciplinary Studies**

**Minimum overall grade-point average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

**PURPOSE**

The bachelor's degree in multidisciplinary studies is a four-year degree plan for students who find that current University degree programs will not allow them to meet their educational objectives and who wish to tailor course choices to meet individual goals. The program allows students to prepare for professional careers that require extensive knowledge in a broad array of subjects. The multidisciplinary program allows students to focus on two or three areas of study that are selected by the student.

**DEGREE REQUIREMENTS**

1. The student must complete 120 semester hours of which at least 45 hours must be upper-division\*. At least 27 hours in the areas of concentration must be upper-division.
2. The major requires two or three areas of concentration. If the student selects two areas of concentration, each area will include at least 27 hours of coursework; for three areas of concentration, each area will include at least 18 hours of coursework. Areas of concentration may include coursework from the requirements for a minor or certificate or a group of related courses approved by a departmental representative (faculty member or adviser). A course may not be used to fulfill the requirements of more than one area of concentration. The remaining course work, to total 120 hours, may be selected from different disciplines.
3. A study plan may use 18 hours of 'major' courses from an AA, AS or AAS degree to fulfill one of three areas of concentration. The other two areas of concentration will include at least 27 hours of upper-division course work.
4. All students who intend to present a program for multidisciplinary studies must enroll in one of the colleges of the University (select one of the colleges responsible for an area of concentration).
5. The study plan must meet all General Education requirements of the University and the college of enrollment.
6. A multidisciplinary studies faculty advisory committee will oversee program quality and conduct an annual curriculum review.

**AREAS OF CONCENTRATION**

Concentration 1    27 hours

Concentration 2    27 hours

OR

Concentration 1    18 hours

Concentration 2    18 hours

Concentration 3    18 hours

**PROCEDURE**

Students who believe their educational objectives can best be fulfilled through a multidisciplinary studies program will be responsible for complying with the following procedures:

1. Obtain the multidisciplinary studies form from the director of student academic services in the college of enrollment, University Academic Services or the Advising Center at OSU-Tulsa. The form will list the General Education requirements for the college.
2. Meet with an adviser to determine the student's educational objectives and the two or three areas of concentration.
3. Obtain approval from a departmental representative (faculty member or adviser) if the area of concentration does not represent a minor or certificate.
4. Submit the completed form to the office of the dean in the college of enrollment for approval. The form will be forwarded to the Office of the Provost.
5. Fulfill the approved graduation requirement for the degree and apply for graduation before the final semester of course work.

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 2019.

Signature on file in the Office of the Registrar

ASSOCIATE VICE PRESIDENT

# College of Agricultural Sciences and Natural Resources

## Bachelor of Landscape Architecture

AG-1 - Landscape Architecture

## Bachelor of Science in Agricultural Sciences and Natural Resources

AG-2 - Agribusiness

AG-3 - Agribusiness - *Agricultural Communications Double Major*

AG-4 - Agribusiness - *Crop and Soil Sciences*

AG-5 - Agribusiness - *Farm and Ranch Management*

AG-6 - Agribusiness - *Finance*

AG-7 - Agribusiness - *International*

AG-8 - Agribusiness - *Management*

AG-9 - Agribusiness - *Marketing*

AG-10 - Agribusiness - *Pre-Law*

AG-11 - Agribusiness - *Pre-Veterinary Business Management*

AG-12 - Agricultural Communications

AG-13 - Agricultural Communications - *Agribusiness Double Major*

AG-14 - Agricultural Communications - *Animal Science Double Major*

AG-15 - Agricultural Economics

AG-16 - Agricultural Economics - *Accounting Double Major*

AG-17 - Agricultural Education - *Agricultural Communication*

AG-18 - Agricultural Education - *Horticulture Double Major*

AG-19 - Agricultural Education - *Teaching*

AG-20 - Agricultural Leadership - *Extension Education*

AG-21 - Agricultural Leadership - *General*

AG-22 - Agricultural Leadership - *International Studies*

AG-23 - Animal Science - *Agricultural Communications Double Major*

AG-24 - Animal Science - *Agricultural Education Double Major*

AG-25 - Animal Science - *Animal Biotechnology*

AG-26 - Animal Science - *Business*

AG-27 - Animal Science - *International*

AG-28 - Animal Science - *Livestock Merchandising*

AG-29 - Animal Science - *Pre-Veterinary Animal Science*

AG-30 - Animal Science - *Production*

AG-31 - Animal Science - *Ranch Operations*

AG-32 - Biochemistry and Molecular Biology

AG-33 - Biochemistry and Molecular Biology - *Pre-Medical or Pre-Veterinary Science*

AG-34 - Entomology - *Bioforensics, Pre-Veterinary and Pre-Medical Science*

AG-35 - Entomology - *Insect Biology and Ecology*

AG-36 - Environmental Science - *Environmental Policy*

AG-37 - Environmental Science - *Natural Resources*

AG-38 - Environmental Science - *Water Resources*

AG-39 - Food Science - *Industry*

AG-40 - Food Science - *Meat Science*

AG-41 - Food Science - *Science*

AG-42 - Horticulture - *Horticultural Business*

AG-43 - Horticulture - *Horticultural Science*

AG-44 - Horticulture - *Public Horticulture*

AG-45 - Horticulture - *Turf Management*

AG-46 - Landscape Management

AG-47 - Natural Resource Ecology and Management - *Fire Ecology and Management*

AG-48 - Natural Resource Ecology and Management - *Fisheries and Aquatic Ecology*

AG-49 - Natural Resource Ecology and Management - *Forest Ecology and Management*

AG-50 - Natural Resource Ecology and Management - *Natural History and Conservation*

AG-51 - Natural Resource Ecology and Management - *Rangeland Ecology and Management*

AG-52 - Natural Resource Ecology and Management - *Wildlife Biology and Pre-veterinary Science*

AG-53 - Natural Resource Ecology and Management - *Wildlife Ecology and Management*

AG-54 - Plant and Soil Sciences - *Agronomic Business*

AG-55 - Plant and Soil Sciences - *Crop Production and Management*

AG-56 - Plant and Soil Sciences - *Plant Biotechnology and Improvement*

AG-57 - Plant and Soil Sciences - *Soil and Water Resources*



# College of Agricultural Sciences and Natural Resources

\_\_\_\_\_  
Name CWID Date Checked

Date of graduation \_\_\_\_\_ Total hours completed \_\_\_\_\_

Hours this semester \_\_\_\_\_ Hours next semester \_\_\_\_\_

Total hours at junior college used to meet graduation requirements \_\_\_\_\_

Upper division hours completed \_\_\_\_\_

Total upper division hours at graduation \_\_\_\_\_

Total hours at graduation \_\_\_\_\_

The student named above will have completed requirements for the degree and option as listed on this sheet with the following recommended deviations and the completion of the courses in which he/she is currently enrolled and those in which he/she is pre-enrolled for the semester he/she is to graduate.

Substitutions:

(1)

(2)

(3)

(4)

(5)

(6)

Waives:

(1)

(2)

NOTE: See Academic Regulations 3.7 and 3.8 in the University Catalog for course substitutions and waive regulations.

APPROVED

\_\_\_\_\_ Adviser

\_\_\_\_\_ Department Head

\_\_\_\_\_ Dean



**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of LANDSCAPE ARCHITECTURE**

**MAJOR: Landscape Architecture**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 150**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 83 HOURS</b>	
Area	Hours	To be selected from:	<b>Core Courses 72 Hours</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) (If ENGL 3323 is taken in place of ENGL 1213, hours in this block are 6.)	Surveying / 3 hrs / MCAG 2313 Construction / 12 hrs / LA 3884, 3894, 4894 Planning / 12 hrs / LA 4453, and 9 hours from LA 4433, 4583, NREM 2013, or GEOG 3123 Design / 34 hrs / LA 3315, 3325, 4034, 4415, 4425, 4515, 4525 Plant Material / 3 hrs / HORT 2613 Professional Practice / 6 hrs / LA 3112, 3682, 4112 Internship / 2 hrs / LA 3010	
American History & Government	6	HIST 1103; POLS 1113	<b>Choose 11 hours from one emphasis area:</b> These courses may apply to any area: LA 2513, 3010, 4053, 4063, 4423, 4990, 5110 Courses listed or other courses approved by Program Director	
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513* & 1613* or 1715* or STAT 2023*	<b>Design</b> ARCH 1112, 1216, 2003, 2116, 2216, 2263, 4193, 5193, 5373 ART 1113, 1203, 1303, 1603, 2003, 2113, 2213, 3110 DHM 1123, 3233, 3353, 4143, 4573	
Humanities (H)	6	Any course designated (H); and LA 3673*	<b>Environmental Planning</b> AGEC 3503 BOT 3253 ENVR 1113, 4813 GEOG 1113, 1114, 2253, 2343, 3123, 3153, 3173, 3703, 3743, 3753, 4113, 4123, 4143, 4153, 4333, 4343 GEOL 1114, 3073 HIST 3463, 4063, 4503, 4523 LEIS 4473 MMJ 3823, 3913 POLS 4363, 4593 SOC 3423, 4433 NREM 2013, 4063, 4093, 4403 ZOO 4303	
Natural Sciences (N)	12	BIOL 1114* (or BOT 1404*); CHEM 1215* (or 1314*); SOIL 2124*	<b>Horticulture</b> HORT 1013, 2513, 3013, 3153, 3513, 3612, 4453, 4543, 4713, 4990 Other studies: Requires study plan approved by adviser, program director, and department head.	
Social & Behavioral Sciences (S)	6	AGEC 1113* (or ECON 2103*); SPCH 2713*	<b>ELECTIVES: 3 HOURS</b>	
Diversity (D)	--	Any course designated (D).		
International Dimension (I)	--	Any course designated (I).		
Scientific Investigation (L)	--	Any course designated (L).		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 22 HOURS</b>				
Agricultural Sciences and Natural Resources	4	AG 1011; LA 1013		
Business Courses	3	ACCT 2103 (EEE 3023 or FIN 2123 or LSB 3213 or MKTG 3213)		
Communications Courses	3	3 hours from BCOM 3113, 3223; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this area are zero)		
Graphic Communications Skills	12	ART 1103 (or GENT 1153 or ARCH 1216); LA 2213, 2223, 2323		
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 61 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<b>Core Courses <u>37 Hours</u></b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ACCT 2103, 2203		
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)		
Humanities (H)	6	Any course designated (H)	ECON 2203, 3113 (or 3023), 3123 (or 3313)		
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	6 hours from: AGEC 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<b>Related Courses <u>24 Hours</u></b>		
Diversity (D)	--	Any course designated (D).	9 hours from: AGEC 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723, 4803		
International Dimension (I)	--	Any course designated (I), such as AGEC 4343, 4803, or courses designated both (I) and (H).	15 hours with at least 9 hours upper division from CASNR or SSB courses not used elsewhere.		
Scientific Investigation (L)	--	Met by either BIOL or CHEM.			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			<b>ELECTIVES: 8 HOURS</b>		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013			
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)			
<b>Other Requirements:</b> Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Agricultural Communications Double Major**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 128**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 78 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<p align="center"><b>Agribusiness Core Courses <u>43 Hours</u></b></p> <p>ACCT 2103, 2203</p> <p>AGEC 3101, 3213, 3323, 3333, 3423, 3603, 3713, 4343#, 4503#, 4703#</p> <p>ECON 2203, 3113 or 3023, 3123 or 3313</p> <p># AGEC 4503 satisfies environmental science requirement and AGEC 4703 satisfies policy requirement for the Agricultural Communications major. AGEC 4343 satisfies international dimension requirements. Nine hours of 4000 level AGEC required for AGBU major.</p> <p align="center"><b>Ag Communications Core Courses <u>35 Hours</u></b></p> <p>AGCM 2113, 3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413</p> <p>3 hours from: FDSC 1133, 2253; ANSI 1133, 2253, or NSCI 2114, 3543</p>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113			
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)			
Humanities (H)	6	Any course designated (H)			
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* or 1215*			
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*			
Diversity (D)	--	Any course designated (D).			
International Dimension (I)	--	AGEC 4343			
Scientific Investigation (L)	--	Met by either BIOL or CHEM			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS</b>			<b>ELECTIVES: 1 HOUR</b>		
Agricultural Sciences and Natural Resources	8	AG 1011; ANSI 1124*, PLNT 1213* *AGCM requirements			

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. The student must earn minimum grade of "C" in all Major Requirements. No more than 64 hours from a two-year institution.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Crop and Soil Sciences**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D).
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).
Scientific Investigation (L)	--	Met by either BIOL or CHEM .

\*College & Departmental requirements that may be used to meet GE requirements.

<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 11 HOURS</b>		
Agricultural Sciences and Natural Resources	8	AG 1011; SOIL 2124 One course from the following: NREM 1113, 3343; HORT 1013; PLNT 1213
Written Communications	3	AGCM 3103, BCOM 3113, or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)

<b>MAJOR REQUIREMENTS: 67 HOURS</b>
<p><b>Common Body Courses 34 Hours</b></p> <p>ACCT 2103, 2203            AGECE 3101, 3213, 3323, 3333, 3423, 3603, 3713            ECON 2203, 3113 (or 3023), 3123 (or 3313)</p> <p><b>Related AGECE Courses 12 Hours</b></p> <p>AGECE 3503, 4403            6 hours from: AGECE 4213, 4333, 4343, 4423, 4503, 4513, 4703, 4723, 4803</p> <p><b>Choose One Emphasis Area 21 Hours</b></p> <p>Must meet minor requirements in one of the following areas. Take additional hours from courses in any of these areas to complete the required total of 21 hours.</p> <p><b>Area A: Agronomy Minor (24 hours with PLNT 1213, SOIL 2124);</b> PLNT 2013, 3554, 4123;            SOIL 4234; 6 hrs from: PLNT 3113, 4613;            SOIL 3883, 4213, 4463</p> <p><b>Area B: Entomology Minor (15 hours)</b>            ENTO 2993;            3 hrs from: ENTO 3044, 4223, 4464, 4854;            8-9 additional hours from any courses with ENTO prefix.</p> <p><b>Area C: Forestry Minor (22 hours with NREM 1113 or 3343)</b>            NREM 2134; 2013 or 3213; 3224; 9 hours (at least 6 hrs must be upper-division) from:            NREM 1213, 2103, 2112, 3063, 3083, 3101, 3102, 3103, 3113, 3323, 4043, 4053, 4093, 4213, 4323, 4333</p> <p><b>Area D: Horticulture Minor (23 hours with HORT 1013, SOIL 2124);</b> BOT 1404; HORT 3084; 8 hrs with at least 3 hours upper-division or above from HORT prefix courses excluding 1003, 2010, 4671, 4990, 5110</p> <p><b>Area E: Natural Resource Ecology and Management (22 hours with SOIL 2124, NREM 1113 or 3343)</b> NREM 1014, 2013; 6 hours from: 3613, 3713, 4414, 4513; 1 or 2 hours from: BIOL 3034, NREM 2013, 3073, 3083, 3101, 3103, 3213, 3224, 3513, 3613, 4023, 4033, 4043, 4053, 4063, 4093, 4403, 4414, 4443, 4464, 4513, 4524, 4613, 4783</p> <p><b>Area F: Pest Management (18 hours with SOIL 2124 and HORT 1013 or PLNT 1213 or NREM 1113)</b> ENTO 2993; PLP 3343 (or ENTO 4854); Four or five hours from ENTO 2143 (or PLP 2143), 3003, 3044, 3331, 3421, 3461, 4223, 4464, 4484 (or ZOOL 4484), 4854, 4923 or (PLP 4923), PLP 3343, 3553 (or BOT 3553), 3663, PLNT 3113, 4113, SOIL 4363, NREM 3613, 4033</p> <p><b>Area G: Rangeland Ecology &amp; Management Minor (22 hours with PLNT 1213, SOIL 2124);</b> NREM 2013; PLNT 3613, 4623; 6 hours from: NREM 3083, 4023, 4033, 4613, 4783, 4793</p> <p><b>Area H: Soil Science Minor (22 hours with BIOL 1114, CHEM 1215, SOIL 2124);</b> minimum of 9 additional hours of SOIL prefix courses, excluding 4210, 4470.</p>

**Other Requirements:**

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Farm and Ranch Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 55 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Core Courses <u>37 Hours</u></b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	AGEC 3101, 3213, 3333, 3423, 3603, 3713	
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	ECON 2203, 3113 (or 3023), 3123 (or 3313)	
Humanities (H)	6	Any course designated (H)	<u>6 hrs from:</u> AGECE 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	<b>Related Courses <u>18 Hours</u></b>	
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	AGEC 4403	
Diversity (D)	--	Any course designated (D).	6 hours from: AGECE 4213, 4333, 4423, 4503, 4513, 4703	
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).	9 hours upper-division from: ANSI, ENTO, HORT, NREM, MCAG, PLNT, PLP, SOIL	
Scientific Investigation (L)	--	Met by either BIOL or CHEM .		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			<b>ELECTIVES: 14 HOURS</b>	
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013		
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)		
<b>Other Requirements:</b>				
Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Finance**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>		
Area	Hours	To be selected from:	<b>Core Courses 40 Hours</b>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT 2103, 2203		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	AGEC 3101, 3213, 3333, 3423, 3603		
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	ECON 2203, 3113 (or 3023), 3313		
Humanities (H)	6	Any courses designated (H)	FIN 3113		
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	LSB 3213		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	6 hrs from: AGECE 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.		
Diversity (D)	--	Any course designated (D).	<b>Related Courses 18 Hours</b>		
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).	FIN 4223, 4333		
Scientific Investigation (L)	--	Met by either BIOL or CHEM	9 hours from: AGECE 4213, 4333, 4403, 4423, 4513, 4703		
*College & Departmental requirements that may be used to meet GE requirements.			3 additional hours from FIN courses numbered 3000 or above (excluding FIN 4063)		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			<b>ELECTIVES: 11 HOURS</b>		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013	Hours to complete required total.		
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)			

**Other Requirements:**

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: International**

**Minimum overall grade-point average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113
Analytical & Quantitative Thought (A)	9	MATH 1483* or 1513*; & 2103*; STAT 2023*(or 4013*)(if MATH 1483 or 1513 is not taken, then hours in this block are 6.)
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)
Social & Behavioral Sciences (S)	6	<u>AGEC 1113*</u> ; SPCH 2713*
Diversity (D)	--	Any course designated (D).
International Dimension (I)	--	Met by AGEC 4343
Scientific Investigation (L)	--	Met by either BIOL or CHEM
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>		
Agricultural Sciences and Natural Resources	7	AG 1011; From two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are 0.)

<b>MAJOR REQUIREMENTS: 64 HOURS</b>	
<b>Agribusiness Core Courses 31 Hours</b>	
ACCT	2103, 2203
AGEC	3101, 3213, 3333, 3423, 3603 (or FIN 3113), 3713 (or LSB 3213)
ECON	2203, 3113 (or 3023), 3123 (or 3313)
<b>International Related Courses 33 Hours</b>	
AGEC	4343, 4803 <sup>a</sup>
15 hours from: courses in the same foreign language <sup>b</sup>	
6 hours from: AGEC 4213, 4333, 4403, 4423, 4503, 4513, 4703, 4723	
6 additional hours from courses in the above foreign language or upper-division courses designated (I)	
<sup>a</sup> An international student may substitute an AGEC 4990 (or the number if we create the course) Domestic Agricultural Economics Tour for AGEC 4803	
<sup>b</sup> A native speaker of a foreign language may substitute 15 hours towards one or more minors for the 15 hours in the same foreign language.	
<b>ELECTIVES: 5 HOURS</b>	

**Other Requirements:** A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours from a two-year institution.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<b>Core Courses    <u>37 Hours</u></b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ACCT    2103, 2203		
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	AGEC    3101, 3213, 3333, 3423, 3603		
Humanities (H)	6	Any courses designated (H)	ECON    2203, 3113 (or 3023), 3123 (or 3313)		
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	LSB      3213		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<u>6 hours from:</u> AGECE 3323, BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.		
Diversity (D)	--	Any course designated (D).	<b>Related Courses    <u>21 Hours</u></b>		
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).	AGEC      3463, 4423		
Scientific Investigation (L)	--	Met by either BIOL or CHEM	MGMT      3013, 3313		
*College & Departmental requirements that may be used to meet GE requirements.			6 hours from: AGECE 4213, 4403, 4703, 4723		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			3 additional hours from MGMT courses numbered 3000 or above.		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013	<b>ELECTIVES: 11 HOURS</b>		
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	Hours to complete required total.		
<b>Other Requirements:</b> Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Marketing**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<b>Core Courses 37 Hours</b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ACCT 2103, 2203		
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	AGEC 3101, 3213, 3323, 3333, 3423, 3603		
Humanities (H)	6	Any courses designated (H)	ECON 2203, 3113 (or 3023), 3123 (or 3313)		
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	LSB 3213		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<u>3 hours from:</u> BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.		
Diversity (D)	--	Any course designated (D).	<b>Related Courses 21 Hours</b>		
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).	AGEC 4423		
Scientific Investigation (L)	--	Met by either BIOL or CHEM	MKGT 3213, 3323, 4333		
*College & Departmental requirements that may be used to meet GE requirements.			6 hours from: AGECE 4213, 4333, 4343, 4703, 4723		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			3 additional hours from MKTG courses numbered 3000 or above.		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013	<b>ELECTIVES: 11 Hours</b>		
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	Hours to complete required total.		

Other Requirements: Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned 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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Pre-Law**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 61 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<b>Core Courses 37 Hours</b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ACCT 2103, 2203		
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); & 2103*; STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)	AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213)		
Humanities (H)	6	Any courses designated (H)	ECON 2203, 3113 (or 3023), 3123 (or 3313)		
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)	<u>6 hours from:</u> AGECE 3323, BCOM, SPCH, foreign language courses, or written communication courses not used elsewhere.		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<b>Related Courses 24 Hours</b>		
Diversity (D)	--	Any course designated (D).	<b>9 hours from:</b> AGECE 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723		
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).	<b>Choose Alternative A or B:</b>		
Scientific Investigation (L)	--	Met by either BIOL or CHEM	<b>Alternative A:</b>		
*College & Departmental requirements that may be used to meet GE requirements.			15 additional hours with 12 hours upper-division: ACCT, AGECE, ECON, FIN, LSB, MGMT, MKTG, MSIS, POLS		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			<b>Alternative B:</b>		
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013	Complete Legal Studies Minor: POLS 2023 (or HONR 2013), 3983, 3993		
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323; (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)	6 hours from: ENGR 4103, 4133; PHIL 3843; POLS 4363, 4963, 4973, 4980; PSYC 4143; SOC 4443		
			<b>ELECTIVES: 8 HOURS</b>		
			Hours to complete required total.		

**Other Requirements:**

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agribusiness      OPTION: Pre-Veterinary Business Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 67 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) (OSU Vet School requires ENGL 1113 & 1213)	ACCT	2103
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	AGEC	3213, 3423, 3603, 3713
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2023* (or 4013*)	ANSI	3423 (or BIOL 3023 or PLNT 3554), 3543
Humanities (H)	6	Any courses designated (H)	BIOC	3653
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, 1515*	CHEM	3015 (or CHEM 3053, 3153, 3112)
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	ECON	2203
Diversity (D)	--	Any course designated (D).	MICR	2123, 2132
International Dimension (I)	--	Any course designated (I), such as AGECE 4343, 4803, or courses designated both (I) and (H).	PHYS	1114, 1214
Scientific Investigation (L)	--	Met by either BIOL or CHEM	ZOOL	1604
*College & Departmental requirements that may be used to meet GE requirements.			Choose one of the two alternatives:	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			<u>I. First year of professional program</u>	
Agricultural Sciences and Natural Resources	7	AG 1011; from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013	With the approval of the adviser, department head, and dean a maximum of 25 hours from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school may be used to complete hours.	
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323	<u>II. Without first year of professional program</u>	
			AGEC	3333, 4403 (or 4423), 4723
			ECON	3113 (or 3123)
			3 additional upper-division hours from AGECE courses.	
			3 additional hours	
<b>Other Requirements:</b> Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Communications**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 56 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<b>Core Courses 41 Hours</b>	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ACCT	2103 or FIN 2123
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483*, 1493*, 1513*; higher MATH* or 3 hours designated (A)*	AGCM	3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413
Humanities (H)	6	Any courses designated (H)	AGEC	3323, 3703, 3713
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* or 1215*	<b>Related Courses 15 Hours</b>	
Social & Behavioral Sciences (S)	6	AGEC 1113*; 3 hours designated (S)	To be selected from courses in agriculture and communications areas.	
Diversity (D)	--	Any course designated (D).		
International Dimension (I)	3	AGED 4713, ANSI 3903, AGECE 4803 or any course designated (I).		
Scientific Investigation (L)	--	Any course designated (L)		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>				
Agricultural Sciences and Natural Resources	17	AG 1011; ANSI 1124; PLNT 1213 3 hours food science-related course; 3 hours environmental science course; 3 hours agricultural social science course		
Communications Courses	6	AGCM 2113, 3203		
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program. The student must earn a minimum grade of "C" in all Major Requirements.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Communications      OPTION: Agribusiness Double Major**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 128**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 71 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<p><b>Agricultural Communications Core Courses 29 Hours</b></p> <p>AGCM 3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413</p> <p><b>Agricultural Economics Core Courses 42 Hours</b></p> <p>ACCT 2103, 2203</p> <p>AGEC 3213, 3323, 3333, 3423, 3603, 3713, 4343#, 4503#, 4703#</p> <p>ECON 2203, 3113 or 3023, 3123 or 3313</p> <p># AGEC 4503 satisfies environmental science requirement and AGEC 4703 satisfies policy requirement for the Agricultural Communications major. AGEC 4343 satisfies international dimension requirements. Nine hours of 4000 level AGEC required for AGBU major.</p>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113			
Analytical & Quantitative Thought (A)	9	MATH 1513*; MATH 2103*; STAT 2023*			
Humanities (H)	6	Any courses designated (H)			
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014 or 1215*			
Social & Behavioral Sciences (S)	6	AGEC 1113*; 3 hours designated (S)			
Diversity (D)	--	Any course designated (D).			
International Dimension (I)	--	AGEC 4343			
Scientific Investigation (L)	--	Any course designated (L).			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 14 HOURS</b>			<b>ELECTIVES: 2 Hours</b>		
Agricultural Sciences and Natural Resources	14	AG 1011; AGCM 2113, ANSI 1124; PLNT 1213 3 hours from the following: ANSI 1133, 2253; FDSC 1133, 2253; NSCI 1114 or 3543			
<p><b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. The student must earn minimum grade of "C" in AGCM Requirements. No more than 65 hours from a two-year institution.</p> <p><b>Additional State/OSU Requirements</b> – 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 2019.</p>					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Communications      OPTION: Animal Science Double Major**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 68 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<b>Ag Communications Core Courses <u>41 Hours</u></b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	ACCT 2103 or FIN 2123 or AGECE 3403		
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483*, 1513*; higher MATH* or 3 hours designated (A)*	AGCM 3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413		
Humanities (H)	6	Any courses designated (H)	AGEC 3703, 3323, 3713		
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	<b>Animal Science Core Courses <u>27 Hours</u></b>		
Social & Behavioral Sciences (S)	6	AGEC 1113*; 3 hours designated (S)	ANSI 3423, 3433, 3443, 3543, 3653, 4713, 4863		
Diversity (D)	--	Any course designated (D).	<b>6 hours (at least 2 species) from:</b>		
International Dimension (I)	3	AGED 4713 or ANSI 3903 or any course designated (I).	ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643		
Scientific Investigation (L)	--	Any course designated (L).			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS</b>					
Agricultural Sciences and Natural Resources Communications Courses	20	AG 1011; AGCM 2113, 3203; ANSI 1124; PLNT 1213 ANSI 1133 or 2253; One of the following courses ENVR 1113 or ENTO 3003 or NREM 2013 or NREM 3343			
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. The student must earn minimum grade of "C" in all Major Requirements. No more than 65 hours from a two-year institution.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Economics**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103, 1483 or 1493; POLS 1113
Analytical & Quantitative Thought (A)	9	MATH 1483* (or 1513*); and 2103* (or 2144*); STAT 2023* (or 4013*) (If MATH 1483 or 1513 is not taken, then hours in this block are 6.)
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	8	BIOL 1114*; CHEM 1014* (or 1215* or 1314*)
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D).
International Dimension (I)	--	Any course designated (I), such as AGECE 4843, 4803, or courses designated both (I) and (H).
Scientific Investigation (L)	--	Met by either BIOL or CHEM
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>		
Agricultural Sciences and Natural Resources	7	AG 1011 from two of the following four groups, select one course: 1. PLNT 1213, HORT 1013, NREM 1113, 3343 2. SOIL 2124 3. ANSI 1124, FDSC 1133, ENTO 2993, 3003 4. NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are zero.)

<b>MAJOR REQUIREMENT: 69 HOURS</b>
<b>Core Courses 37 Hours</b>
ACCT 2103, 2203 AGEC 3101, 3213, 3333, 3423, 3603, 3713 (or LSB 3213) ECON 2203, 3113 (or 3023), 3123 (or 3313) 6 hours from: AGECE 3323, BCOM, SPCH, foreign language courses or written communication courses not used elsewhere.
<b>Related Courses 32 Hours</b>
Choose one of the following four alternatives:
<b>I. General</b> 9 hours from: AGECE 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723, 4803 6 additional upper-division hours in AGECE courses 3 additional upper-division hours in any courses 14 additional hours
<b>II. Community and Regional Analysis</b> AGECE 3503, 4723; ECON 3423 6 hours from: AGECE 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4803 6 hours from: ECON 3913, 4643, 4723; GEOG 3123, 4123, 4143, 4153; POLS 2033, 3493, 3613, 4413; SOC 3413, 3423, 4423 11 additional hours
<b>III. Natural Resources</b> AGECE 3503, 4503; GEOG 2343 (or 4323) 6 hours from: AGECE 3703, 4213, 4333, 4343, 4403, 4423, 4513, 4703, 4723 9 hours from: ECON 3903; GEOG 3023, 3033, 3153, 4153, 4163, 4333, 4343; GEOL 3503, 4663; Any Upper-Division NREM; POLS 4363, 4593; SOC 4433; SOIL 4363, 4463, 4563, 4913 8 additional hours
<b>IV. Quantitative Studies</b> AGECE 4213; MATH 2153, 3013; MSIS 3223 6 hours from: AGECE 4333, 4403, 4423, 4503, 4703 6 hours from: ECON 4213, 4223; MSIS 3233; STAT 4023, 4043 STAT 4013 and MATH 2144 required in General Education; 8 Additional hours

**Other Requirements:**

Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Economics      OPTION: Accounting Double Major**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 123**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 73 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	ACCT	2103, 2203, 3013, 3103, 3113, 3203, 3603, 4133, 4503
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	AGEC	3101, 3213, 3333, 3423, 3603 (or FIN 3113)
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2023* (or 4013)	ECON	2203, 3113 (or 3023)
Humanities (H)	6	Any courses designated (H)	LSB	3213
Natural Sciences (N)	11	BIOL 1114*; CHEM 1014* (or 1215* or 1314*); HORT 1013	MGMT	3013, 4513
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	MSIS	2103, 3123, 3223
Diversity (D)	--	Any course designated (D).	<u>9 hours from:</u> AGEC 4213, 4333, 4343, 4403, 4423, 4503, 4513, 4703, 4723, 4803 Must have a GPA of 2.2 in this block.	
International Dimension (I)	--	Any course designated (I), such as AGEC 4343, 4803, or courses designated both (I) and (H).	A grade of "C" or better must be earned in all accounting courses.	
Scientific Investigation (L)	--	Met by either BIOL 1114 or CHEM 1014.		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			<b>ELECTIVES: 2 HOUR</b>	
Agricultural Sciences and Natural Resources	4	AG 1011; Select one course from the following: SOIL 2124; ANSI 1124, FDSC1133, ENTO 2993, 3003; NREM 1014, 2013, ENVR 1113, BIOC 3713, LA 1013	Hours to complete required total.	
Written Communications	3	AGCM 3103; or BCOM 3113; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above; another one of the listed courses is required.)		
<b>Other Requirements:</b> Exit interview with Head of Department of Agricultural Economics. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Education      OPTION: Agricultural Communication**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 133**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 65 HOURS**</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	<p align="center"><b>Core Courses 32 Hours</b></p> <p>**AGEC 1113 is a General Education Requirement in addition to the Major Requirement. Students must earn a minimum grade of "C" in each course in the College/Departmental Requirements, Major Requirements and Professional Core Requirements.</p> <p>AGCM 2113, 3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300(2), 4403, 4413</p> <p align="center"><b>Related Courses 6 Hours</b></p> <p>AGLE 2303 or 2403 or 3303            AGED 4713 (or ANSI 3903)</p> <p align="center"><b>PROFESSIONAL CORE: 27 HOURS</b></p> <p>AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours)            EPSY 3213 or 3413            SPED 3202</p>		
American History & Government	6	HIST 1103; POLS 1113			
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)			
Humanities (H)	6	Any courses designated (H)			
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215* (or CHEM 1314*)			
Social & Behavioral Sciences (S)	6	**AGEC 1113*; PSYC 1113*			
Diversity (D)	--	Any course designated (D)			
International Dimension (I)	--	Any course designated (I)			
Scientific Investigation (L)	--	Any course designated (L)			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 26 HOURS</b>					
Agricultural Sciences and Natural Resources	26	AG 1011; ANSI 1124; FDSC 1133 or 2253; HORT 1013; PLNT 1213; SOIL 2124 NREM 2013 or 3343; MCAG 3011, 3211, 3222, 4101			
<p>Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of "C" in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of "C" or better <u>or</u> completion of two years of the same foreign language in high school with a "B" average or better).</p> <p><u>Other Requirements:</u>            A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.</p> <p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Education      OPTION: Horticulture Double Major**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 145**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 50 HOURS</b>			<b>MAJOR REQUIREMENTS: 38 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713* or AGCM 3203	AGED 4713 (or ANSI 3903)	
American History & Government	6	HIST 1103; POLS 1113	BOT 3463 (or HORT 4953 or 4963)	
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1493* or MATH 1513* or higher, & 3 hours STAT designated (A)	3 hours Genetics (PLNT 3554 recommended)	
Humanities (H)	6	Any courses designated (H)	HORT 3084, 3113	
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*)	PLNT 3113	
Social & Behavioral Sciences (S)	6	**AGEC 1113*; PSYC 1113*	PLP 3343	
Diversity (D)	--	Any course designated (D)	<b>16 hours of which at least 9 hours must be upper-division from:</b> HORT 2123, 2513, 2613, 3013, 3153, 3213, 3433, 3513, 4453, 4543, 4713, 4773, 4903, 4933, 4943, 4973	
International Dimension (I)	--	Any course designated (I)	1 hour of enrichment(e.g. AGED 2011, EDUC 4110) as approved by the primary advisor.	
Scientific Investigation (L)	--	Any course designated (L)	**AGEC 1113 is a General Education Requirement in addition to the Major Requirements.	
*College & Departmental requirements that may be used to meet GE requirements.			One half of the major requirement credit hours must be from upper-division courses. Students must earn a minimum grade of "C" in each course in the College/Departmental Requirements, Major Requirements, and Professional Core Requirements.	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 30 HOURS</b>			<b>PROFESSIONAL CORE: 27 HOURS</b>	
Agricultural Sciences and Natural Resources	30	AG 1011; AGCM 3103; AGL 2303 or 2403 or 3303; ANSI 1124; SOIL 2124; HORT 1013 ENTO 2003, 3421; FDSC 1133 or 2253; MCAG 3011, 3211, 3222, 4101;	AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours),	
			EPSY 3213 or 3413,	
			SPFN 3202	
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of "C" in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of "C" or better <u>or</u> completion of two years of the same foreign language in high school with a "B" average or better).				

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Education      OPTION: Teaching**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 24 HOURS**</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	<b>Enrichment 15 Hours</b>		
American History & Government	6	HIST 1103; POLS 1113	To include courses from four of the following areas: Agricultural Communications, Agricultural Economics, Agricultural Education, Agricultural Leadership, Animal Science, Biochemistry, Entomology, Forestry, Horticulture, Mechanized Agriculture, Natural Resource Ecology and Management, Plant Pathology, Plant Science, and Soil Science.		
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483* or 1493* or 1513* or higher or any course designated (A)	<b>Related Courses 9 Hours</b>		
Humanities (H)	6	Any courses designated (H)	AGCM	3103 (or ENGL 3323)	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215* (or CHEM 1314*)	AGLE	2303 or 2403 or 3303	
Social & Behavioral Sciences (S)	6	**AGEC 1113*; PSYC 1113*	AGED	4713 <sup>1</sup> (or ANSI 3903)	
Diversity (D)	--	Any course designated (D)	**AGEC 1113 is a General Education Requirement in addition to the Major Requirement. Students must earn a minimum grade of "C" in each course in the College/Departmental Requirements, Major Requirements and Professional Core Requirements.		
International Dimension (I)	--	Any course designated (I)	<b>PROFESSIONAL CORE: 27 HOURS</b>		
Scientific Investigation (L)	--	Any course designated (L)	AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours), EPSY 3213 or 3413, SPED 3202		
*College & Departmental requirements that may be used to meet GE requirements.			<b>ELECTIVES: 5 HOURS</b>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 26 HOURS</b>					
Agricultural Sciences and Natural Resources	26	AG 1011; ANSI 1124; FDSC 1133(or 2253); HORT 1013; PLNT 1213; SOIL 2124 NREM 2013 (or 3343); MCAG 3011, 3211, 3222, 4101			
Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of "C" in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of "C" or better <u>or</u> completion of two years of the same foreign language in high school with a "B" average or better).					
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Leadership**

**OPTION: Extension Education**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 60 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	<b>Core Courses 33 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	AGCM 3103 (or ENGL 3323)	
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)	AGLE 1511, 2303, 2403, 3101, 3303, 3403, 4101, 4203, 4300 (6 hours)	
Humanities (H)	6	Any courses designated (H)	AGLE 3803 or AGED 4713	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	NREM 2013 or 3343 or 4393	
Social & Behavioral Sciences (S)	6	AGEC 1113*; PSYC 1113*	<b>Additional Requirements 19 Hours</b>	
Diversity (D)	--	Any course designated (D)	AGEC 4723	
International Dimension (I)	--	Any course designated (I)	AGLE 3503, 4303	
Scientific Investigation (L)	--	Any course designated (L)	ENTO 3501	
*College & Departmental requirements that may be used to meet GE requirements.			EPSY 3213 (or 3413)	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 18 HOURS</b>			NSCI 2114	
Agricultural Sciences and Natural Resources	18	AG 1011; ANSI 1124; ENTO 2003 (or 3003); FDSC 1133 (or 2253); PLNT 1213 (or HORT 1013); SOIL 2124	SPED 3202	
<b>Other Requirements:</b>			<b>Related Courses 8 Hours</b>	
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.			To be selected from areas related to youth development, extension education, agriculture and/or agricultural leadership.	
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Leadership                      OPTION: General**

**Minimum Overall Grade Point Average: 2.00                      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 60 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	<b>Core Courses 33 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	AGCM	3103 (or ENGL 3323)
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)	AGLE	1511, 2303, 2403, 3101, 3303, 3403, 4101, 4203, 4300 (6 hours)
Humanities (H)	6	Any courses designated (H)	AGLE	3803 or AGED 4713
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	NREM	2013 or 3343 or 4393
Social & Behavioral Sciences (S)	6	AGEC 1113*; PSYC 1113*	<b>Additional Requirements 9 Hours</b>	
Diversity (D)	--	Any course designated (D)	AGEC	6 hours of upper-division
International Dimension (I)	--	Any course designated (I)	AGLE	3333 or 3503 or 4303
Scientific Investigation (L)	--	Any course designated (L)	<b>Related Courses 18 Hours</b>	
*College & Departmental requirements that may be used to meet GE requirements.			To be selected from areas related to agriculture and/or agricultural leadership.	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 18 HOURS</b>				
Agricultural Sciences and Natural Resources	18	AG 1011; ANSI 1124; ENTO 2003 (or 3003); FDSC 1133 (or 2253); PLNT 1213 (or HORT 1013); SOIL 2124		
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Agricultural Leadership**

**OPTION: International Studies**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 60 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713*	<b>Core Courses 33 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	AGCM 3103 (or ENGL 3323)	
Analytical & Quantitative Thought (A)	6	Select from: MATH 1483* or 1493* or 1513* or higher MATH or any course designated (A)	AGLE 1511, 2303, 2403, 3101, 3303, 3403, 4101, 4203, 4300 (6 hours)	
Humanities (H)	6	Any courses designated (H)	AGLE 3803 or AGED 4713	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	NREM 2013 or 3343 or 4393	
Social & Behavioral Sciences (S)	6	AGEC 1113*; PSYC 1113*	<b>Additional Requirements 19 Hours</b>	
Diversity (D)	--	Any course designated (D)	AGLE 3333 or 3503 or 4303	
International Dimension (I)	--	Any course designated (I)	AGLE 4803 or (approved international experience)	
Scientific Investigation (L)	--	Any course designated (L)	3 hours from: AGECE 4343, AGED 4713, ANSI 3903, NCSI 3543	
*College & Departmental requirements that may be used to meet GE requirements.			10 hours from: courses in same foreign language	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 18 HOURS</b>			<b>Related Courses 8 Hours</b>	
Agricultural Sciences and Natural Resources	18	AG 1011; ANSI 1124; ENTO 2003 (or 3003); FDSC 1133 (or 2253); PLNT 1213 (or HORT 1013); SOIL 2124	To be selected from areas related to international studies, foreign language, agriculture and/or agricultural leadership.	
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Agricultural Communications Double Major**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 69 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	<p align="center"><b>Animal Science Core Courses <u>30 Hours</u></b></p> <p>ACCT 2103 OR FIN 2123 OR AGECE 3403</p> <p>ANSI 3423, 3433, 3443, 3543, 3653, 4713, 4863</p> <p><b>6 hours (at least 2 species) from:</b></p> <p>ANSI 4023, 4423, 4543, 4553, 4613 4633, 4643, 4703</p> <p><b>Ag Communication Core Courses <u>39 Hours</u></b></p> <p>AGCM 3100, 3113, 3123, 3213, 3223, 3233, 4113, 4203, 4300 (2 hours), 4403, 4413</p> <p>AGECE 3703, 3323 (or MKTG 3213), 3713 (or LSB 3213)</p>	
American History & Government	6	HIST 1103; POLS 1113		
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*); STAT 2013* or 2023*		
Humanities (H)	6	Any courses designated (H)		
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*		
Social & Behavioral Sciences (S)	6	AGECE 1113*; SPCH 2713*		
Diversity (D)	--	Any course designated (D)		
International Dimension (I)	3	ANSI 3903 or AGED 4713 or any course designated (I)		
Scientific Investigation (L)	--	Any course designated (L)		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 19 HOURS</b>				
Agricultural Sciences and Natural Resources	19	AG 1011; AGCM 2113, ANSI 1124; PLNT 1213; ENVR 1113 (or NREM 1113 or 3343 or ENTO 3003) 5 hours from ANSI 2112, 2253, FDSC 1133;		
<b>Other Requirements:</b>				
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours is required. No more than 65 hours from a two-year institution.				

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Agricultural Education Double Major**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 133**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 45 HOURS</b>			<b>MAJOR REQUIREMENTS: 63 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	12	ENGL 1113 or 1313; 1213 or 1413; ENGL 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) SPCH 2713* (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 9.)	<b>Core Courses 36 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	AGED 4713 or ANSI 3903 or any course designated (I)	
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*), 1613* (or 2103* or STAT 2013*)	ANSI 3242 [or 3310 (2 hours)], 3423, 3433, 3443, 3543, 3653, 4863	
Humanities (H)	6	Any courses designated (H)	NREM 2013 or 3343	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	SOIL 2124	
Social & Behavioral Sciences (S)	6	AGEC 1113*; PSYC 1113*	6 hours (at least 2 species) from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713	
Diversity (D)	--	Any course designated (D)	<b>PROFESSIONAL CORE: 27 HOURS</b>	
International Dimension (I)	--	AGED 4713 or ANSI 3903 or any course designated (I)	AGED 3101, 3103, 3203, 4103, 4113, 4200 (9 hours)	
Scientific Investigation (L)	--	Any course designated (L)	EPSY 3213	
*College & Departmental requirements that may be used to meet GE requirements.			SPED 3202	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 24 HOURS</b>			NOTE: AGED 4103, 4113, 4200 are taken during teaching semester.	
Agricultural Sciences and Natural Resources	24	AG 1011; AGLE 2303 (or 3303); ANSI 1124, 2112, 2253; HORT 1013; MCAG 3222, 3011, 3211, 4101; PLNT 1213	<b>ELECTIVES: 1 HOUR</b>	

Required for graduation and recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Requirements. The student must earn minimum grades of "C" or "P" in each course in the College/Departmental Requirements, Major Requirements, Professional Core Requirements, and demonstrate proficiency in a foreign language (i.e., a grade of "C" or better or completion of two years of the same foreign language in high school with a "B" average or better). For graduation only see Academic Regulations in the Catalog.

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Animal Biotechnology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 46 HOURS</b>			<b>MAJOR REQUIREMENTS: 42 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>			
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 9.)	<b>Core Courses 27 Hours</b>		
American History & Government	6	HIST 1103; POLS 1113	ANSI 3423, 3443, 3543, 4843, 4863		
Analytical & Quantitative Thought (A)	6	MATH 1513*, 1613* (or 2103* or STAT 2013*)	ZOO 4215 or MICR 3033		
Humanities (H)	6	Any course designated (H)	9 hours from: ANSI 3433, 3653 and 3 hours from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713 OR 9 hours from: ANSI 4803; MICR 3253, 4233; ZOO 4134, 4283		
Natural Sciences (N)	13	BIOL 1114*; CHEM 1215* (or 1314*), 1225* (or 1515*)	<b>Related Courses 15 Hours</b>		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<u>Minimum of 7 upper division hours required:</u> ANSI 3903 or any course designated (I) ANSI 3333, 4803, 4910 (1-12 hours) MATH 2144, 2153, 2163 PHYS 1214		
Diversity (D)	--	Any course designated (D)	ANSI BIOC BIOL ENTO FDSC MICR STAT ZOO		
International Dimension (I)	--	ANSI 3903 (See "Controlled Electives") or any course designated (I)	No more than 3 hours from ANSI 4900.		
Scientific Investigation (L)	--	Any course designated (L)			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 32 HOURS</b>					
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213			
Basic Animal Science Courses	7	ANSI 1124, 2253			
Additional Requirements	21	BIOC 3653; MICR 2123 and 2132; PHYS 1014 or 1114; ANSI 3414 or ZOO 1604 or 3204; 5 hours organic chemistry			
<u>Other Requirements:</u> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.					
<u>Additional State/OSU Requirements</u> – 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 2019.					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Business**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*); STAT 2013* or 2023*
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	ANSI 3903 (See "Controlled Electives") or any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 17 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213
Basic Animal Science Courses	7	ANSI 1124; 3 hours from: ANSI 2112, 2253, FDSC 1133
Additional Requirements	6	ACCT 2103, 2203

<b>MAJOR REQUIREMENTS: 61 HOURS</b>			
<b>Core Courses 24 Hours</b>			
ANSI	3423, 3433, 3443, 3543, 3653, 4863		
<u>6 hours from:</u> ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713			
<b>Additional Core Courses 18 Hours</b>			
AGEC	3423		
LSB	3213 (or AGECE 3713)		
<u>12 upper-division hours from:</u> AGECE, ECON, FIN, MKTG, MGMT			
Students pursuing a minor should consult their minor adviser when choosing classes in this section.			
<b>Related Courses 19 Hours</b>			
<u>Minimum of 6 upper division hours required:</u>			
ACCT	ANSI	FDSC	MGMT
AGCM	EEE	MMJ	MKTG
AGEC	ECON	LSB	NREM
AGED	ENTO	SOIL	PLNT
AGLE	FIN	SPM	SC
ANSI	3903 <sup>l</sup> or any course designated (I)		
ANSI	3333, 4203, 4712, 4803, 4910 (1-12 hours)		
ECON	2103, 2203		
FIN	2123, 3113	MKTG	3213
LSB	3323	NREM	2013, 3613
MICR	3253	PLNT	4613
MGMT	3013	SOIL	2124
No more than 3 hours from ANSI 4900.			

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: International**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENT: 64 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses    <u>21 Hours</u></b>	
American History & Government	6	HIST 1103; POLS 1113	<b>Choose Alternative 1 or 2:</b>	
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*); STAT 2013* or 2023*	<u>Alternative 1</u>	
Humanities (H)	6	Any course designated (H)	ANSI 3423, 3433, 3443, 3543, 3653, 4863	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	<b>One of the following:</b> ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713	
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<u>Alternative 2</u>	
Diversity (D)	--	Any course designated (D)	ANSI 4863; FDSC 2253, 3113, 3154, 3373; MICR 2123, 2132	
International Dimension (I)	--	12 hours with (I) designation.	<b>Additional Core Courses    <u>15 Hours</u></b>	
Scientific Investigation (L)	--	Any course designated (L)	AGEC 3323, 3333, 4343	
*College & Departmental requirements that may be used to meet GE requirements.			ECON 2203	
<b>COLLEGE/DEPARTMENTAL REQUIREMENT: 14 HOURS</b>			LSB 3213 (or AGEC 3713)	
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213	<b>Language Requirements    <u>5 Hours</u></b>	
Basic Animal Science Courses	7	ANSI 1124; FDSC 1133	FREN 2112, 2113, 2232, 2233	
Additional Requirements	3	ACCT 2103	GRMN 2112, 2113, 2222, 2223	
			JAPN 2113, 2223	
			SPAN 2115, 2233, 2232	
			RUSS 2115, 2225	
			<b>Related Courses    <u>23 Hours</u></b>	
			<u>Minimum of 12 upper division hours required:</u>	
			ACCT 2203, 3203	JAPN 1115
			CHEM 1225	SC 2013, 4013
			RUSS 1115, 1225	SPAN 1115, 1225
			FREN 1115, 1225	GRMN 1115, 1225
			Any upper-division AGCM, AGEC, ANSI, EEE, FDSC, FIN, LSB, MCAG, MGMT, MKTG, MMJ, SC, or SPM	
			No more than 3 hours from ANSI 4900.	
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Livestock Merchandising**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 62 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses 29 Hours</b>		
American History & Government	6	HIST 1103; POLS 1113	ANSI 3242 (or 3310 [2 hours]), 3423, 3433, 3443, 3543, 3653, 4713, 4863		
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*); STAT 2013* or 2023*	<b>6 hours from:</b> ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703		
Humanities (H)	6	Any course designated (H)	<b>Additional Core Courses 21 Hours</b>		
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	SC 2013, 2183		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	LSB 3213 (or AGECE 3713)		
Diversity (D)	--	Any course designated (D)	<b>12 hours from:</b>		
International Dimension (I)	--	ANSI 3903 ("See Controlled Electives") or any course designated (I).	AGCM 2113, 3113, 3123, 3213, 3223, 3233, 4113, 4203		
Scientific Investigation (L)	--	Any course designated (L)	MC 2003		
*College & Departmental requirements that may be used to meet GE requirements.			MKTG 3213		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 16 HOURS</b>			MMJ 3263, 3293, 3313, 3553, 3823		
Agricultural Sciences and Natural Resources	13	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213	SC 3383, 3603, 4013		
Additional Requirements	3	ACCT 2103	<b>Related Courses 12 Hours</b>		

Minimum of 6 upper division hours required:

- ACCT 2203, 3203
- ANSI 3903<sup>1</sup> or any course designated (I)
- ZOOL 3204

- |      |      |     |
|------|------|-----|
| ANSI | FIN  | SC  |
| AGEC | MGMT | SPM |
| EEE  | MKTG |     |
| FDSC | MMJ  |     |

Other Requirements: A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Pre-Veterinary Animal Science**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 46 HOURS</b>			<b>MAJOR REQUIREMENTS: 46 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* (See Academic Regulation 3.5 in Catalog)	<b>Core Courses 18 Hours</b>		
American History & Government	6	HIST 1103; POLS 1113	ANSI 3423, 3543 ANSI 3903 or any course designated (I)		
Analytical & Quantitative Thought (A)	6	MATH 1513*, 1613* (or 2103* or STAT 2013* or 2023*)	<u>9 hours from:</u> ANSI 3433, 3443, 3653		
Humanities (H)	6	Any course designated (H)	OR		
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, 1515*	<u>9 hours from:</u> FDSC 3113, 3154, 3333, 3373, 3603, 4763		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<b>Additional Core Courses 8 Hours</b>		
Diversity (D)	--	Any course designated (D)	5 hours from upper-division organic chemistry BIOC 3653		
International Dimension (I)	--	ANSI 3903 ("See Controlled Electives") or any course designated (I).	<b>Related Courses 20 Hours</b>		
Scientific Investigation (L)	--	Any course designated (L)	<b>Choose Alternative 1 or 2.</b>		
*College & Departmental requirements that may be used to meet GE requirements.			<u>Alternative 1:</u> First 2 semesters in the College of Veterinary Medicine		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 28 HOURS</b>			OR		
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213	<u>Alternative 2:</u> ANSI 4863		
Basic Animal Science Courses	7	ANSI 1124 and 2253	<u>3 hours from:</u> ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713 Or upper-division FDSC courses.		
Additional Requirements	17	MICR 2123 and 2132; PHYS 1114, 1214; ZOO 1604 (or 3204)	<u>14 hours (minimum of 9 upper division hours required):</u> ACCT 2103      MATH 2144, 2153, 2163 ANSI 4843      MICR 3033 FIN 2123		
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.			Up to 6 hours from AG 3010, ANSI 4900 or 4910 Any upper-division course in: AGECE, ANSI, BIOL, ENTO, MICR, NREM, PLNT, SOIL, ZOO		
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Production**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses 39 Hours</b>		
American History & Government	6	HIST 1103; POLS 1113	AGEC 3423		
Analytical & Quantitative Thought (A)	6	MATH 1513* or 1483*, 1613* (or 2103* or STAT 2023*)	ANSI 3333 (or FDSC 3603), 3423, 3433, 3443, 3543, 3653, 4863		
Humanities (H)	6	Any course designated (H)	ANSI 4803		
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	ENTO 3003		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<b>9 hours from:</b> ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713		
Diversity (D)	--	Any course designated (D)	<b>Related Courses 19 Hours</b>		
International Dimension (I)	--	ANSI 3903 ("See Controlled Electives") or any course designated (I).	<u>Minimum of 6 upper division hours required:</u>		
Scientific Investigation (L)	--	Any course designated (L)	ANSI 3903 or any course designated (I)		
*College & Departmental requirements that may be used to meet GE requirements.			ANSI 4910 (1-6 hours)		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS</b>			LSB 3213 (or AGECE 3713)		
Agricultural Sciences and Natural Resources	13	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213	MCAG 1413		
Additional Requirements	7	ACCT 2103; CHEM 1225 (or BIOC 2344)	PLNT 2013		
<b>Other Requirements:</b>			SOIL 2124		
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.			ZOOL 3204		
<b>Additional State/OSU Requirements</b> – 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 2019.			AGEC FIN NREM		
			ANSI MCAG PLNT		
			ENTO MGMT SOIL		
			EEE MKTG		
			No more than 6 hours from ANSI 4900		

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Ranch Operations**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses 42 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	AGECE 3423 ANSI 3333, 3423, 3433, 3443, 3543, 3653, 4203, 4863 <u>6 hours from:</u> ANSI 4423, 4543, 4553, 4613, 4633, 4703, 4713 <u>9 hours from:</u> BOT 3005; PLNT 4613; NREM 2013, 3613, 4613, 4783, 4793	
Analytical & Quantitative Thought (A)	6	MATH 1513* or 1483*, 1613* (or 2103* or STAT 2013* or 2023*)	<b>Related Courses 12 Hours</b>	
Humanities (H)	6	Any course designated (H)	<u>Minimum of 6 upper division hours required:</u>	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	ACCT 2203 ANSI 3903 or any course designated (I) ANSI 4910 (1-12 hours) ENTO 3003 FIN 3113 LSB 3213 MGMT 3013 MKTG 3213 MICR 3253 ZOOL 3204 Any upper-division AGECE, ANSI, ENTO, EEE, FDSC, FIN, MGMT, MKTG, NREM, PLNT, SOIL	
Social & Behavioral Sciences (S)	6	AGECE 1113*; SPCH 2713*		
Diversity (D)	--	Any course designated (D)		
International Dimension (I)	--	ANSI 3903 ("See Controlled Electives") or any course designated (I).		
Scientific Investigation (L)	--	Any course designated (L)		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 24 HOURS</b>				
Agricultural Sciences and Natural Resources	17	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213; SOIL 2124		
Additional Requirements	7	ACCT 2103; CHEM 1225 (or BIOC 2344)		
<u>Other Requirements:</u> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				
<u>Additional State/OSU Requirements</u> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Biochemistry and Molecular Biology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 40 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulation 3.5 in Catalog)	BIOC	3713, 3723, 3813, 4224 (or CHEM 3433), 4883
American History & Government	6	HIST 1103; POLS 1113	BIOC	4990 (2 hours)
Analytical & Quantitative Thought (A)	7	MATH 2144*, MATH 2153* or STAT 2013* or STAT 4013*	BIOL	3023 (or ANSI 3423 or PLNT 3554)
Humanities (H)	6	Any course designated (H)	CHEM	2113, 3053, 3112, 3153
Natural Sciences (N)	13	BIOL1114*, CHEM 1314*, CHEM 1515*	<b>At least one course from:</b> BOT 3463, ENTO 3044, ZOO 3204, 4215	
Social & Behavioral Sciences (S)	6	AGEC 1113*, SPCH 2713*	Hours from the following (or related courses with adviser approval)	
Diversity (D)	--	Any course designated (D)	<b>To total 40 hours:</b>	
International Dimension (I)	--	Any course designated (I)	ANSI	3543 (required for pre-vet students)
Scientific Investigation (L)	--	Any course designated (L)	BIOC	1990*(up to 2hrs), 2101, 2200 (1-6 hrs), 4113, 4523, 4990*, 5753, 5853
*College & Departmental requirements that may be used to meet GE requirements.			BIOL	3034
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 25 HOURS</b>			BOT	3462, 3463
Agricultural Sciences and Natural Resources	5	AG 1011 and two courses from the following: Animal Science, Plant Science, and Soil Science (If courses used under major requirement, hours in this area are 1)	CHEM	2122, 3353, 3532, 3553, 4020 (1-5 hours), 4320 (1-3 hours)
Additional Requirements	20	ENGL 3323; MICR 2123 & 2132; PHYS 1114, 1214 (or 2114); ZOO 1604 (or BOT 1404)	ENTO	4854
<b>Other Requirements:</b>			MATH	2163, 2233, 3013, 3263
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.			MICR	3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323, 4353, 4423
<b>Additional State/OSU Requirements</b> – 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 2019.			NSCI	4323
			PHYS	4313
			STAT	4013
			ZOO	2104, 3114, 4103, 4133, 4134, 4223, 4231, 4273, 4283, 4293, 4303, 4503
			<b>ELECTIVES: 11 HOURS</b>	
			Hours to complete required total.	

\*Note: Total from BIOC 1990 and 4990 may not exceed 10 hours.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Biochemistry and Molecular Biology    OPTION: Pre-Medical or Pre-Veterinary Science**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	7	MATH 2144*, MATH 2153* or STAT 2013* or STAT 4013*
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	13	BIOL 1114*, CHEM 1314*, CHEM 1515
Social & Behavioral Sciences (S)	6	AGEC 1113*, SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 25 HOURS</b>		
Agricultural Sciences and Natural Resources	5	AG 1011 and two courses from the following: Animal Science, Plant Science, and Soil Science (if course used under major requirement, hours in this area are 1)
Additional Requirements	20	ENGL 3323; MICR 2123 & 2132; PHYS 1114, 1214 (or 2114); ZOO 1604 (or BOT 1404)

<b>MAJOR REQUIREMENTS: 40 HOURS</b>
<b>Core Courses 17 Hours</b>
<b>Required for Options 1 &amp; 2</b> BIOC 3713, 3723, 3813                      CHEM 3053, 3112, 3153
<b>Choose Option 1 or Option 2 / 23 Hours</b>
<b>Option 1:</b> With the approval of the adviser, department head, and dean, hours of basic sciences from an accredited chiropractic, dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school to total 40 hours.
<b>Option 2:</b> BIOC 4883 BIOL 3023 (or ANSI 3423 or PLNT 3554)
<b>At least one course chosen from:</b> BOT 3463, ENTO 3044, ZOO 3204, 4215
Hours from the following to total 40 hours: (or related courses with adviser's approval)
ANSI 3543 (Required for Pre-vet Students)
BIOC 1990*(up to 2 hrs), 2101, 2200 (1-6 hrs), 4113, 4224 (or CHEM 3433), 4523, 4990*, 5753, 5853
BIOL 3034
BOT 3462
CHEM 2113, 2122, 3353, 3532, 3553, 4020 (1-5 hrs), 4320 (1-3 hrs)
ENTO 4854
MATH 2163, 2233, 3013, 3263
MICR 3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323, 4353, 4423
NSCI 4323
PHYS 4313
STAT 4013
ZOO 2104, 3114, 4104, 4133, 4134, 4223, 4231, 4273, 4283, 4293, 4303, 4503
*Note: Total from BIOC 1990 and 4990 may not exceed 10 hours.
<b>ELECTIVES: 11 HOURS.</b>

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Entomology      OPTION: Bioforensics, Pre-Veterinary & Pre-Medical Sciences**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1613* or higher; STAT 2013*
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* (or 1215*); and BOT 1404 or ZOOL 1604
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713* or SOC 1113
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; <u>One course from:</u> ANSI 1124; BIOC 2344; ENVR 1113; FDSC 1133; HORT 1013; LA 1013; NREM 1014, 1113, 2013, 3343; PLNT 1213, SOIL 2124
Entomology Courses	3	ENTO 2993
Written Communication	3	ENGL 3323* (If ENGL 3323 is substituted for ENGL 1213 above then hours in this block are free electives)

<b>MAJOR REQUIREMENTS: 68 HOURS</b>
<p><b>Core Courses 8 Hours:</b></p> <p style="padding-left: 40px;">ENTO 3044 or 4464 or 4854 (choose two)</p> <p><b>Additional Entomology 9 hours</b></p> <p style="padding-left: 40px;">ENTO 4800 (3 hrs) and any entomology or plant pathology course not taken as a core course</p> <p><b>Related Courses 51 Hours</b></p> <p><b>Genetics - 3 hours from:</b></p> <p style="padding-left: 40px;">BIOL 3023; PLNT 3554; ANSI 3423</p> <p><b>Chemistry – 13 hours from:</b></p> <p style="padding-left: 40px;">CHEM 1225* (or 1515*); organic chemistry (5 upper division hours) BIOC 3653</p> <p><b>Additional Natural Resources or Biological Sciences – 19 hours from:</b></p> <p style="padding-left: 40px;">ANSI 3523, 3543 (vet); BIOC 2344, 3653, 4224; BIOL 3023, 3034; BOT 1404, MICR 2123 &amp; 2132, 3033, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323; NREM 2013, 3063, 3213, 3343, 3513, 3613, 4213; PLNT 2013, 3554; PSYC 1113, 3073, 3113, 3513; ZOOL 1604, 3204, 3114, 4103, 4113, 4134, 4174, 4215, 4273, 4293;</p> <p>OR other upper- level natural science courses not taken for credit in other categories.</p> <p><b>Math &amp; Science – 16 hours from:</b></p> <p style="padding-left: 40px;">MATH 2103, 2144, 2153; CHEM 3153 &amp; 3112; PHYS 1114, 1214; STAT 2331, 4013, 4023, 4043; ZOOL 4133</p> <p>Foreign Language: Up to 10 credit hours of upper division foreign language may be substituted for Additional Natural Resources or Biological Sciences</p> <p><b>BOLD</b> courses are recommended for Pre-Health majors.            With approval from the adviser and the department head, a maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than the ENTO core courses of eight hours above.</p>
<p style="text-align: center;"><b>ELECTIVES: 0</b></p> <p>Hours to complete required total. If ENGL 3323 is used to satisfy English Composition requirement - 3 credit hours</p>

Other Requirements: A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Entomology      OPTION: Insect Biology and Ecology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413;
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1613* or higher*; STAT 2013* or 4013*
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* (or 1215*); BOT 1404 or ZOOL 1604
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; <u>One course from:</u> ANSI 1124; BIOC 2344; ENVR 1113; FDSC 1133; HORT 1013; LA 1013; NREM 1014, 1113, 2013, 3343; PLNT 1213; SOIL 2124
Additional Requirements	3	ENTO 2993
Written Communication	3	ENGL 3323* (If ENGL 3323 is substituted for ENGL 1213 above then hours in this block are free electives.)

<b>MAJOR REQUIREMENTS: 68 HOURS</b>
<b>Core Courses - 8 Hours:</b> ENTO 3044, 4464 or 4854 (choose two)
<b>Additional Entomology - 15 Hours:</b> ENTO 4800 (3 hrs) and any entomology or plant pathology course not taken as a core course.
<b>Related Courses - 45 Hours:</b>
<b>Genetics - 3 hours from:</b> BIOL 3023; PLNT 3554; ANSI 3423
<b>Ecology - 3 hours from:</b> BIOL 3034; NREM 3213; MICR 4214
<b>Chemistry - 8 hours from:</b> CHEM 1225* (or 1515*); BIOC 3653 or (CHEM 3015, or 3053)
<b>Additional Natural Resources or Biological Sciences - 17 hours from:</b> BIOC 2344, 3653; BOT 1404, 3463; HORT 3153, 3084; NREM 2013, 3063, 3101, 3213, 3343, 3513, 3613, 4213; PLNT 2013, 3554, 4113, 4123, 4353; PLP 3343; MICR 2123 & 2132; SOIL 4213, 4363, 4893; ZOOL 1604, 3104, 4104, 4133
OR other upper level natural science courses not taken for credit in other categories.
<b>Additional Math and Science - 14 hours from:</b> MATH 2103, 2144, 2153; CHEM 3153 & 3112; PHYS 1114, 1214; STAT 2331, 4013, 4023, 4043; ZOOL 4133
Foreign Language: Up to 10 credit hours of upper division foreign language may be substituted for Additional Natural Resources or Biological Sciences
With approval from the adviser and the department head, a maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than the ENTO core courses of eight hours above.
<b>ELECTIVES: 0 HOURS</b> Hours to complete required total. If ENGL 3323 is used to satisfy English Composition requirement - 3 credit hours

Other Requirements: A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Environmental Science      OPTION: Environmental Policy**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323* (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	9	MATH 1513*, 1613*, 2103* or 2123* or 2144*
Humanities (H)	6	Any course designated (H); and one of the following: PHIL 3413* or 3513* or 3803* or 3823* or 3833* or 3843*.
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* or CHEM 1215*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 32 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113
Additional Requirements	28	BOT 1404 or ZOOL 1604; CHEM 1515 or CHEM 1225; BIOC 2344 or CHEM 3015; ENGL 3323 (If substituted for ENGL 1213 above then hours in this block are 25); GEOL 1114; SOIL 2124; PHYS 1114 or 2014

<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
<b>Core Courses 23 Hours</b>	
AGEC 3503	NREM 4443
BIOL 3034	GEOL 3503
ENVR 3113, 4811, 4813	POLS 4363 or 4593
<b>Additional Core Courses 12 Hours</b>	
AGEC 4503	
NREM 4023 or 4033 or 4043 or 4053	
SOC 4433	
STAT 2013 or 2023 or 4013	
<b>Related Courses 16 Hours</b>	
Select from:	
ANTH 3353	
BOT 3253	
CIVE 4823	
ECON 3903	
ENGL 2413	
ENTO 2003, 2223, 2993, 4223, 4484	
ENVR 4112, 4512	
GEOG 2253, 2343, 3023, 3153	
GEOL 1014	
HIST 3683, 3793, 4493	
HORT 2123, 4933	
NREM 2013, 3213, 3083, 3513, 3613, 4043*, 4053*	
PHYS 1214 or 2114	
POLS 3493, 4363*, 4593*	
SOC 1113	
SOIL 3433, 4213, 4234, 4363, 4463, 4483, 4683, 4913	
ZOOL 4303	
<b>ELECTIVES: 0 HOURS</b>	
Hours to complete required total. If ENGL 3323 is used to satisfy English Composition and Oral Communication requirements - 3 credit hours.	

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Environmental Science      OPTION: Natural Resources**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
Area	Hours	To be selected from:	<b>Core Courses 23 Hours</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	AGEC 3503	NREM 4443
American History & Government	6	HIST 1103; POLS 1113	BIOL 3034	GEOL 3503
Analytical & Quantitative Thought (A)	9	MATH 1513*, 1613*, 2103* or 2123* or 2144*	ENVR 3113, 4811, 4813	POLS 4363 or 4593
Humanities (H)	6	Any course designated (H); and one of the following: PHIL 3413* or 3513* or 3803* or 3823* or 3833* or 3843*.	<b>Additional Core Courses 12 Hours</b>	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* or CHEM 1215*	GEOL 4453	
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	NREM 3213 (or 2013) or 3513 or 3613 or 4023 or 4033	
Diversity (D)	--	Any course designated (D)	SOIL 4683 or 4893	
International Dimension (I)	--	Any course designated (I)	STAT 2013 or 4013	
Scientific Investigation (L)	--	Any course designated (L)	<b>Related Courses 16 Hours</b>	
*College & Departmental requirements that may be used to meet GE requirements.			Select from:	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 32 HOURS</b>			AGEC 4503	
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113	ANTH 3353	
Additional Requirements	28	BOT 1404 or ZOOL 1604; CHEM 1515 or CHEM 1225; BIOC 2344 or CHEM 3015; ENGL 3323 (If substituted for ENGL 1213 above then hours in this block are 25); GEOL 1114; SOIL 2124; PHYS 1114 or 2014	BOT 3005, 3253, 4023	
<b>Other Requirements:</b>			CIVE 4823	
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.			ECON 2103, 3903	
<b>Additional State/OSU Requirements</b> – 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 2019.			ENGL 2413	
			ENTO 2003, 2223, 2993, 4223, 4484	
			ENVR 4112, 4512	
			GEOG 2253, 2343, 3023, 3153	
			GEOL 1014, 3073, 4463	
			HIST 3683, 3793, 4493	
			HORT 2123, 4933	
			NREM 2013, 3083, 3213, 4043*, 4053*, 4403, 4473	
			PHYS 1214 or 2114	
			POLS 4363*, 4593*	
			SOC 1113, 4433	
			SOIL 3433, 4363, 4463, 4483, 4563, 4893, 4913	
			ZOOL 4303, 4434	
			<b>ELECTIVES: 0 HOURS</b>	
			Hours to complete required total.	
			If ENGL 3323 is used to satisfy English Composition and Oral Communication requirements - 3 credit hours.	

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Environmental Science      OPTION: Water Resources**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
Area	Hours	To be selected from:	<b>Core Courses 23 Hours</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	AGEC 3503	NREM 4443
American History & Government	6	HIST 1103; POLS 1113	BIOL 3034	GEOL 3503
Analytical & Quantitative Thought (A)	9	MATH 1513*, 1613*, 2103* or 2123* or 2144*	ENVR 3113, 4811, 4813	POLS 4363 or 4593
Humanities (H)	6	Any course designated (H); and one of the following: PHIL 3413* or 3513* or 3803* or 3823* or 3833* or 3843*.	<b>Additional Core Courses 12 Hours</b>	
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* or CHEM 1215*	SOIL 4683, 4893	
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	STAT 2013 or 4013	
Diversity (D)	--	Any course designated (D)	ZOOL 4434 or NREM 4473 or GEOL 4453	
International Dimension (I)	--	Any course designated (I)	<b>Related Courses 16 Hours</b>	
Scientific Investigation (L)	--	Any course designated (L)	Select from:	
*College & Departmental requirements that may be used to meet GE requirements.			AGEC 4503	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 32 HOURS</b>			ANTH 3353	
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113	BOT 3253	
Additional Requirements	28	BOT 1404 or ZOOL 1604; CHEM 1515 or CHEM 1225; BIOC 2344 or CHEM 3015; ENGL 3323 (If substituted for ENGL 1213 above then hours in this block are 25); GEOL 1114; SOIL 2124; PHYS 1114 or 2014	CHEM 2113, 2122	
			CIVE 3183, 4823	
			ECON 2103, 3903	
			ENGL 2413	
			ENTO 2003, 2223, 2993, 4223, 4484	
			ENVR 4112, 4512	
			GEOG 2253, 2343, 3023, 3153	
			GEOL 1014, 3053, 4463	
			HIST 3683, 3793, 4493	
			HORT 2123, 4933	
			MATH 2133 or 2153	
			MICR 2123, 2132	
			NREM 2013, 3513, 4023, 4033, 4403, 4463, 4473	
			PHYS 1214 or 2114	
			POLS 4363*, 4593 (Note: May be used if not utilized above)	
			SOC 1113, 4433	
			<b>ELECTIVES: 0 HOURS</b>	
			Hours to complete required total.	
			If ENGL 3323 is used to satisfy English Composition and Oral Communication requirements - 3 credit hours.	

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Food Science      OPTION: Industry**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 47 HOURS</b>			<b>MAJOR REQUIREMENTS: 49 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>		
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103* or BCOM 3113 (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses 40 Hours</b>	
American History & Government	6	HIST 1103*; POLS 1113*	ANSI	4023, 4863
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*), 1613* (or 2103* or STAT 2013* or 2023*)	FDSC	3113, 3154, 3373, 4763, 4910
Humanities (H)	6	Any course designated (H)	HORT	3213
Natural Sciences (N)	14	BIOL 1114*; CHEM 1215*, 1225	NSCI	3223 or ANSI 3543
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	<b>12 hours from:</b> ANSI 4543; FDSC 3232, 3310, 3333, 3603, 4333, 4373; MCAG 4123; MICR 3033, 3223; NSCI 3543, 3223;	
Diversity (D)	--	Any course designated (D)	<b>Related Courses 9 Hours</b>	
International Dimension (I)	--	Any course designated (I)	<u>Minimum of 5 upper division hours required:</u>	
Scientific Investigation (L)	--	Any course designated (L)	ACCT, AGEC, ANSI, AGCM, CHEM, FDSC, HORT, PLNT, MICR, MGMT, MKTG, MATH, NSCI, STAT, Foreign Language	
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 24 HOURS</b>				
Agricultural Sciences and Natural Resources	4	AG 1011; FDSC 1133		
Additional Requirements	20	ANSI 1124; FDSC 2253; BIOC 2344; MICR 2123 and 2132; PHYS 1014		
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Food Science      OPTION: Meat Science**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103* or BCOM 3113 (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses 45 Hours</b>	
American History & Government	6	HIST 1103*; POLS 1113*	ANSI	3543, 4023, 4863
Analytical & Quantitative Thought (A)	6	MATH 1513* (or 1483*), 1613* (or 2103* or STAT 2013* or 2023*)	FDSC	3113, 3154, 3232, 3333, 3373, 4333, 4763, 4910 (3 hours)
Humanities (H)	6	Any course designated (H)	<b>12 hours from:</b> ANSI 4543; FDSC 3310, 3603, 4373; MCAG 4123, MICR 3033, 3223; NSCI 3223, 3543	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	<b>Related Courses 13 Hours</b>	
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	Choose 13 hours from the following areas: ACCT, AGECE, ANSI, AGCM, CHEM, FDSC, PLNT, MICR, MGMT, NSCI, STAT, Foreign Language	
Diversity (D)	--	Any course designated (D)		
International Dimension (I)	--	Any course designated (I)		
Scientific Investigation (L)	--	Any course designated (L)		
*College & Departmental requirements that may be used to meet GE requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS</b>				
Agricultural Courses	4	AG 1011; FDSC 1133		
Additional Requirements	16	ANSI 1124; FDSC 2253; BIOC 2344; MICR 2123 and 2132		

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Food Science      OPTION: Science**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 46 HOURS</b>			<b>MAJOR REQUIREMENTS: 49 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* or AGCM 3103* or BCOM 3113 (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	<b>Core Courses 42 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	ANSI	4023, 4863
Analytical & Quantitative Thought (A)	6	MATH 1513*; 2103*	BIOC	3653
Humanities (H)	6	Any course designated (H)	FDSC	3113, 3154, 3373, 4763, 4910
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, 1515*	CHEM	3015
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	STAT	4013
Diversity (D)	--	Any course designated (D)	NSCI	3223 or ANSI 3543
International Dimension (I)	--	Any course designated (I)	<b>6 hours from:</b> ANSI 4543, 4843; CHEM 3433; FDSC 3232, 3333, 3603, 4333, 4373; MCAG 4123; MICR 3033, 3223; NSCI 3543	
Scientific Investigation (L)	--	Any course designated (L)	<b>Related Courses 7 Hours</b>	
*College & Departmental requirements that may be used to meet GE requirements.			Choose 7 hours from the following courses:	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 25 HOURS</b>			ACCT 2103, AGEC 3323, 3333, 3403, 3423; AGCM 2113, 3113, 3123; ANSI 3903, FDSC 3310, Foreign Language (3-6 hours); HORT 3213, 3433; MGMT 3013, 3123, 3313; MKTG 3213, 3323; PLNT 2013	
Agricultural Sciences and Natural Resources	4	AG 1011; FDSC 1133;		
Additional Requirements	21	ANSI 1124; CHEM 2113, 2122; FDSC 2253; MICR 2123 and 2132; PHYS 1114;		
<b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Horticulture      OPTION: Horticultural Business**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513*; STAT 2023*
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	12	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*)
Social & Behavioral Sciences (S)	6	AGEC 1113* (or ECON 2103); SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 11 HOURS</b>		
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124
Communications Courses	3	3 hours from: BCOM 3113, 3223

<b>MAJOR REQUIREMENTS: 67 HOURS</b>	
<b>Core Courses 34 Hours</b>	
ACCT	2103
ENTO	2993
HORT	2010 (3 hrs), 3084, 3113, 3253
MGMT	3013
MSIS	2103
PLNT	3113
PLP	3343
SPAN	(3 credits)
<b>Related Courses 33 Hours</b>	
<p><b>A. Choose either (a) the College of Agricultural Sciences and Natural Resources minor in Agricultural Economics and Agribusiness or (b) the Spears School of Business minor in General Business or (c) the Spears School of Business minor in Entrepreneurship.</b></p> <p>(a) <u>15 hours from:</u>            Five upper-division (3 hour) AGEC courses excluding AGEC 3010, 3101, 3183, 3990, 4101, 4990. If ECON 2103 is taken instead of AGEC 1113, then ECON 2203 is required.</p> <p>(b) <u>15 hours from:</u> ACCT 2203; ECON 2203; LSB 3213; FIN 3113; MKTG 3213.</p> <p>(c) <u>12 hours from:</u> EEE 3023; and 9 hours from EEE 3020, 3033, 3123, 3263, 3403, 3513, 3663, 4010, 4113, 4263, 4313, 4483, 4513, 4603, 4610, 4653, LSB 4403, ECON 3033, ENGR 4113, MKTG 4550, 4973; DHM 4453, EPSY 3103, 3110, 4063. In addition, 3 hours of unrestricted electives must be taken in order to complete the minimum number of 120 total hours.</p> <p><b>B. 18 hours from:</b> (12 hours must be upper-division.)</p> <p>HORT 2123, 2513, 2613, 3013, 3153, 3213, 3433, 3513, 3612, 4453, 4543, 4713, 4901, 4903, 4933, 4943, 4953 or (4963), 4973</p>	

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column 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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Horticulture      OPTION: Horticultural Science**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 47 HOURS</b>			<b>MAJOR REQUIREMENTS: 59 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<b>Core Courses 29 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	BIOC	2344 (or 4 hours organic chemistry)
Analytical & Quantitative Thought (A)	6	MATH 1483* (1493 not acceptable for this option) or MATH 1513*; & 1613* or 3 hours STAT* designated (A)	BOT	3463 (or HORT 4953 or 4963)
Humanities (H)	6	Any course designated (H)	ENTO	2993
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*)	HORT	2010 (3 hrs), 3084, 3113
Social & Behavioral Sciences (S)	6	AGEC 1113* (or ECON 2103*); SPCH 2713*	PLNT	3113
Diversity (D)	--	Any course designated (D)	PLP	3343
International Dimension (I)	--	Any course designated (I)	3 Hours Genetics (PLNT 3554 recommended)	
Scientific Investigation (L)	--	Any course designated (L)	<b>Related Courses 30 Hours</b>	
*College & Departmental requirements that may be used to meet GE requirements.			<b>12 hours from:</b>	
			3000- or 4000-level courses in Botany or the College of Agricultural Sciences and Natural Resources.	
			Recommended:	
			BOT	3005, 3024, 3114, 3233
			ENTO	3663, 4223, 4923
			HORT	upper-division
			PLNT	4123, 4353
			SOIL	3433, 3883, 4213, 4234, 4363, 4463, 4483, 4893
			<b>18 hours from:</b> (12 hours must be upper-division.)	
			HORT 2123, 2513, 2613, 3013, 3153, 3213, 3433, 3513, 3612, 4453, 4543, 4713, 4773, 4901, 4903, 4933, 4943, 4973	
			<b>ELECTIVES: 3 HOURS</b>	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 11 HOURS</b>				
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124		
Communications Courses	3	ENGL 3323 (if ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are zero)		
<p><b>Other Requirements:</b> A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.</p> <p><b>Additional State/OSU Requirements</b> – 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 2019.</p>				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Horticulture      OPTION: Public Horticulture**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 45 HOURS</b>			<b>MAJOR REQUIREMENTS: 64 HOURS</b>	
Area	Hours	To be selected from:	<b>Core Courses 31 Hours</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	ENTO	2993
American History & Government	6	HIST 1103; POLS 1113	HORT	2010 (3 hrs), 2513, 2613, 3084, 3113, 3153
Analytical & Quantitative Thought (A)	6	MATH 1483* (1493 not acceptable for this option) or MATH 1513*; & 1613* or 3 hours STAT* designated (A)	MGMT	3013 (or HORT 3253)
Humanities (H)	6	ART 1603*; and any course designated (H)	PLNT	3113
Natural Sciences (N)	12	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*)	PLP	3343
Social & Behavioral Sciences (S)	9	AGEC 1113* (or ECON 2103*); SOC 1113*; SPCH 2713*	<b>Related Courses 33 Hours</b>	
Diversity (D)	--	Any course designated (D); strongly recommend GEOG 3123	<b>Choose one of the following two alternatives:</b>	
International Dimension (I)	--	Any course designated (I)	<b>Alternative 1: Public Garden Management</b>	
Scientific Investigation (L)	--	Any course designated (L)	BOT 3005; 3114 CHEM 1225 HORT 4713, and 3 hours from: HORT 3013, 3513, 4773, 4973 PLNT 3554 6 hours from: AGLE 2303, 3303; CIED 4560 (3), LEIS 3463, 4513, 5403; SDEV 3013 3 additional hours	
*College & Departmental requirements that may be used to meet GE requirements.			<b>Alternative 2: Urban Horticulture</b>	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 11 HOURS</b>			HORT 2123, 3013, 3513, 4773 9 hours from: HORT 3213, 3433, 4543, 4933 (or 4973) NREM 2013 SOC 3423 SOIL 4363 (or 4463) 3 additional hours	
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124		
Communications Courses	3	AGCM 3103 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are zero)		

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column 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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Horticulture      OPTION: Turf Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 47 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513* (1493 not acceptable for this option); & 1613* or 3 hours STAT* designated (A)
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	17	BIOL 1114*; BOT 1404*; CHEM 1215* (or 1314*); 1225* (or 1515*)
Social & Behavioral Sciences (S)	6	AGEC 1113* (or ECON 2103*); SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 11 HOURS</b>		
Agricultural Sciences and Natural Resources	8	AG 1011; HORT 1013; SOIL 2124
Communications Courses	3	3 hours from: BCOM 3113, 3223 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are zero)

<b>MAJOR REQUIREMENTS: 60 HOURS</b>	
<b>Core Courses 45 Hours</b>	
BIOC	2344 (or 4 hours organic chemistry)
ENTO	2993
HORT	4953 or 4963 or SOIL 4893 or 4463
HORT	2010 (3 hours), 2613, 3153, 4453, 4773
HORT	3513 (or MCAG 4203)
MCAG	3211
PLNT	3113
PLP	3343, 3663
SOIL	4234
SPAN	(3 credits)
<b>Related Courses 15 Hours</b>	
<b>9 hours of which at least 6 hours must be upper-division from:</b>	
ACCT 2103	HORT 3253
AGEC upper-division	LSB 3213 (or AGECE 3713)
CS (3 hours) or MSIS 2103	MGMT 3013
FIN 3113	MKTG 3213
EEE 3023	
<b>6 hours of which at least 3 hours must be upper-division from:</b>	
AGEC 3503	PLNT 3554, 4113, 4123
BOT 3233, 3463	POLS 4593
GEOG 2343, 3023, 3033, 4343	NREM 2013
HORT 2513, 3013, 3113, 3612, 4973	SOIL 3433, 4213, 4363, 4463, 4893
<b>ELECTIVES: 2 HOURS</b>	

**Other Requirements:** A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column 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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Landscape Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 65 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<p align="center"><b>Core Courses 51 Hours</b></p> <p>ACCT 2103</p> <p>HORT 2010 (or LA 3010) 3 hours, 2513, 2613, 3013, 3153, 3513, 3612</p> <p>LA 2323, 3315, 3884, 4894</p> <p>LSB 3213</p> <p>MCAG 2313</p> <p>MKTG 3213</p> <p>SPAN (3 credits)</p> <p align="center"><b>Related Courses 14 Hours</b></p> <p><b>Choose Emphasis in Management or Design:</b></p> <p><u>Management Emphasis</u></p> <p>ACCT 2203 or ECON 2203</p> <p>MGMT 3013</p> <p>*8 hours upper division Management</p> <p><small>*One additional credit earns a minor in management</small></p> <p><u>Design Emphasis:</u></p> <p>LA 1013, 3325, 4034</p> <p>2 hours from: CMT, ENTO, HORT, LA, PLP, SOIL</p> <p>Other Studies: Requires study plan approved by adviser, program director, and department head.</p>		
American History & Government	6	HIST 1103; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1513* and 1583*			
Humanities (H)	6	Any courses designated (H)			
Natural Sciences (N)	11	BIOL 1114* (or BOT 1404*); CHEM 1215* (or 1314*); HORT 1013			
Social & Behavioral Sciences (S)	6	AGEC 1113* (or ECON 2103*); SPCH 2713*			
Diversity (D)	--	Any course designated (D)			
International Dimension (I)	--	Any course designated (I)			
Scientific Investigation (L)	--	Any course designated (L)			
*College & Departmental requirements that may be used to meet GE requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 14 HOURS</b>					
Agricultural Sciences and Natural Resources	5	AG 1011; SOIL 2124			
Communications Courses	9	LA 2213, 2223; 3 hours from: BCOM 3113, 3223; or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block are 6)			

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. A 2.25 GPA or higher is required in courses listed in the Major Requirements column 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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management**

**Option: Fire Ecology & Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513* or 1613*; STAT 2013*
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1215* (or 1314); GEOL 1114
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 26 HOURS</b>		
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOO 1604
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

<b>MAJOR REQUIREMENTS: 57 HOURS</b>	
<b>Core Courses 44 Hours</b>	
GEOG	3033
NREM	2134 (or BOT 3005), 3083, 3213, 3503, 3613, 3713, 4001, 4023, 4783, 4793
NREM	4333 or 4613
Choose three social and public relations courses from the following:	
AGCM	3103
AGEC	3503, 3713, 4503
NREM	4043, 4053, 4063
POLS	4363 or 4593
SC	2183
SOC	4433
<b>Related Courses 13 Hours</b>	
Select courses from among the following in consultation with a faculty advisor for additional breadth, or to create a specialty emphasis area. May include two lower-division courses; all other courses must be upper-division level. May not use core courses selected above.	
<b>No more than 9 credit hours from one discipline.</b>	
BIOL	3034
BOT	3005
ENTO	2993
GEOG	3153, 4163, 4333, 4343
NREM	2103, 2113, 2134, 3063, 3101, 3103, 3224, 3513, 4023, 4033, 4093, 4323, 4443, 4453, 4464, 4473, 4524, 4533, 4543, 4613, 4960, 4980, 4990
SOIL	3433, 4563, 4893
ZOOL	4113, 4174

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management**

**Option: Fisheries & Aquatic Ecology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513*; MATH 2103* or STAT 2013*
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* or 1215*; PHYS1014 or GEOL 1114
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 22 HOURS</b>		
Agricultural Sciences and Natural Resources	6	AG 1011; NREM 1012, 2013
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOO 1604
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

<b>MAJOR REQUIREMENTS: 61 HOURS</b>	
<b>Core Courses 41 Hours</b>	
NREM	3073 or BIOL 3023 or PLNT 3554 or ANSI 3423
BIOL	3034
NREM	3523, 4001, 4414, 4424, 4443, 4453
STAT	3013 or 4013
ZOOL	3104 (or ENTO 4484), 4115, 4434
<b>Related Courses 20 Hours</b>	
<b>6 hours from the following: *</b>	
AGEC	3503
ENVR	4512, 4813
GEOG	3153
HIST	4523
NREM	4043, 4053, 4063
POLS	4363, 4593
SOC	4433
<b>14 hours from the following: *</b>	
ANSI	3543
BOT	3005, 4214
GEOG	4343
NREM	3083, 3101, 3103, 3224, 3502, 3503, 3513, 3613, 4023, 4033, 4043, 4053, 4063, 4093, 4403, 4411, 4473, 4524, 4533, 4543, 4960, 4980, 4990
ZOOL	3114, 3153, 4113, 4133, 4174, 4273, 4303
*or other courses selected in consultation with a faculty adviser. May include lower-division courses. May not include courses selected above.	

**Other Requirements:** A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management**

**Option: Forest Ecology & Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	8	MATH 1715* (or 1513*, 1613); STAT 2013*
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 29 HOURS</b>		
Agricultural Sciences and Natural Resources	22	AG 1011; NREM 1012, 1113, 1213, 2103, 2112, 2134; SOIL 2124
Natural Sciences	4	BOT 1404*
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

<b>MAJOR REQUIREMENTS: 60 HOURS</b>
<b>Core Courses 50 Hours</b>
<u>Summer Camp Courses:</u> NREM 3101, 3102, 3103
<u>Fall and Spring Courses:</u>
NREM 3063, 3073, 3083, 3213, 3224, 3323, 3713, 4001, 4043, 4213, 4323, 4443
NREM 3503
NREM 3613 or 4053 or 4063 or 4414
<u>Capstone Course:</u> NREM 4333
<b>Related Courses 10 Hours</b>
Selected in consultation with a faculty advisor to gain breadth or establish a specialty emphasis area. May not use core courses selected above.
ACCT 2103, 2203
AGEC 3423
ENTO 2993, 3461
FIN 3113
GEOG 4343
GEOL 1114
HORT 2613, 3013
LSB 3213
MGMT 3013
MKTG 3213
NREM 3113, 3502, 3513, 3613, 4023, 4033, 4053, 4063, 4093, 4403, 4414, 4453, 4473, 4533, 4543, 4783, 4793, 4960, 4980, 4990
PHYS 1114
PLP 3343
SOIL 4563

Other Requirements: A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management**

**Option: Natural History & Conservation**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 45 HOURS</b>			<b>MAJOR REQUIREMENTS: 56 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<b>Core Courses <u>41 Hours</u></b>	
American History & Government	6	HIST 1103; POLS 1113	BIOL	3034
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513*; STAT 2013* or 4013*	BOT	3005
Humanities (H)	6	HIST 4523*; & another course designated (H)	RMTR	4453
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* or 1215*; GEOL 1114*	NREM	3073, 3713, 4001, 4023, 4033, 4464
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*	NREM	4053 or NREM 4063 or LEIS 4473
Diversity (D)	3	AGLE 2403*	ZOOL	4115, 4174
International Dimension (I)	--	Any course designated (I)	<b>Related Courses <u>15 Hours</u></b>	
Scientific Investigation (L)	--	Any course designated (L)	<b>Select 15 hours from the following: **</b>	
*College & Departmental requirements that may be used to meet GE requirements.			AGCM	2113, 3213, 3233
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 29 HOURS</b>			ANSI	3903
Agricultural Sciences and Natural Resources	18	AG 1011; ENTO 2993; NREM 1012, 1014, 2134; SOIL 2124	BOT	3024, 4214
Natural Sciences	8	BOT 1404; ZOOL 1604	ENGL	2233
Written Communications	3	AGCM 3103	ENTO	3461, 3501, 4464, 4484
			GEOG	3023, 3033, 3153
			GEOL	1224, 1613, 2254, 2364, 3043, 3103
			RMTR	4473
			NREM	2013, 3101, 3103, 3213, 3224, 3343, 3503, 3513, 3613, 4053, 4063, 4093, 4403, 4443, 4413, 4414, 4424, 4453, 4473, 4524, 4533, 4543
			SOC	4433
			SOIL	4463
			ZOOL	3104, 3153, 4133
			**Or other courses selected in consultation with a faculty advisor. May include lower-division courses. May not include courses selected above.	
<b>Other Requirements:</b>				
A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management Option: Rangeland Ecology & Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513* or 1613*; STAT 2013*
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1215* (or 1314*); GEOL 1114*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 26 HOURS</b>		
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOO 1604
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

<b>MAJOR REQUIREMENTS: 57 HOURS</b>	
<b>Core Courses 45 Hours</b>	
BOT	3005
NREM	3063, 3083, 3503, 3613, 4001, 4023, 4033, 4043, 4613, 4783
NREM	4053 or 4063
NREM	4443 or 4473
ANSI	3543
SOIL	3433 or 4563
<b>Related Courses 12 Hours</b>	
Select courses from among the following in consultation with a faculty advisor for additional breadth, or to create a specialty emphasis area. <b>May not use a course used above in Core Courses.</b>	
AGEC	3423, 3503
ANSI	1124, 3433, 3653, 4203, 4613
BIOL	3023 or ANSI 3423 or PLNT 3554 or NREM 3073
BIOL	3034
BOT	3024, 3114, 3463, 4023
ENTO	2993, 3331, 4223
ENVR	1113, 4512
GEOG	2323, 3023, 3033, 3153, 3333, 4053, 4333, 4343
GEOL	3503
NREM	2134, 3101, 3103, 3213, 3224, 3502, 3513, 3713, 4053, 4063, 4093, 4213, 4403, 4453, 4464, 4473, 4524, 4533, 4543, 4793, 4960, 4980, 4990
PLP	3343
PLNT	1213; 3113; 4613
POLS	4593
SOIL	3433, 4463, 4483, 4563, 4683
ZOOL	4113, 4115, 4133, 4174, 4303

**Other Requirements:**

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

**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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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
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Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management**

**Option: Wildlife Biology & Preveterinary Science**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2013* or 4013*
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314*; PHYS 1114*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 35 HOURS</b>		
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124
Natural Sciences	22	BOT 1404; CHEM 1515; MICR 2123, 2132; PHYS 1214; ZOOL1604
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

<b>MAJOR REQUIREMENTS: 53 HOURS</b>	
<b>Core Courses 38 Hours</b>	
ANSI	3543
BIOC	3653**
BIOL	3023; 3034
CHEM	3015 (or 3053, 3153, and 3112)
NREM	3503, 4001, 4524
ZOOL	3204
<b>Choose two of the following:</b>	
NREM	4464
ZOOL	4115, 4174
<b>Related Courses 15 Hours</b>	
<b>Option 1: 15 hours from the following: ***</b>	
ANSI	1124, 3443, 3523, 3653, 3753
BIOC	3713**, 3723, 3813
BOT	3005
ENTO	2993, 3003, 4854
GEOG	4343
MICR	3033, 3143, 4123, 4134
NREM	3083, 3101, 3103, 3224, 3343, 3502, 3513, 3613, 3713, 4023, 4033, 4043, 4093, 4403, 4414, 4424, 4453, 4464, 4473, 4533, 4543, 4613, 4783, 4793, 4960, 4980, 4990
PLNT	1213
ZOOL	3114, 3153, 3163, 4104, 4113, 4215, 4223, 4273, 4283, 4293, 4303, 4533
<b>Option 2: First year of professional program</b>	
With the approval of the advisor, department head, and dean, a maximum of 12 hours from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school may be used to complete hours.	
**BIOC 3713 may be used in place of BIOC 3653 if BIOC 3723 is also taken.	
***Or other courses selected in consultation with a faculty advisor. May include lower-division courses. May not include courses selected above.	

Other Requirements:

A minimum of 40 semester credit hours of General Education is required. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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DEAN

DEPARTMENT HEAD



**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Natural Resource Ecology & Management**

**Option: Wildlife Ecology & Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1483* or 1513*, STAT 2013* or 4013*
Humanities (H)	6	Any courses designated (H)
Natural Sciences (N)	12	BIOL 1114*; CHEM 1314* or 1215*; PHYS 1014* or GEOL 1114*
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 26 HOURS</b>		
Agricultural Sciences and Natural Resources	10	AG 1011; NREM 1012, 2013; SOIL 2124
Natural Sciences	13	BOT 1404; CHEM 1515 or 1225; ZOO 1604
Written Communications	3	AGCM 3103 or BCOM 3113 or ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, then hours in this block become free electives)

<b>MAJOR REQUIREMENTS: 57 HOURS</b>	
<b>Core Courses 40 Hours</b>	
NREM 3073 or BIOL 3023 or PLNT 3554 or ANSI 3423	
BIOL 3034	
BOT 3005	
NREM 3503, 3523, 4001, 4464, 4524, 4533, 4543	
ZOOL 4174	
NREM 4403 or NREM 4414 or ZOOL 4115	
<b>Related Courses 17 Hours</b>	
<b>6 hours from the following: *</b>	
AGEC 3503                      NREM 4043, 4053, 4063	
ENVR 4813                      POLS 4363, 4593	
GEOG 3153                      SOC 4433	
HIST 4523	
<b>11 hours from the following: *</b>	
ANSI 3543	
ENTO 2993	
GEOG 4343	
NREM 2134, 3083, 3101, 3103, 3213, 3224, 3343, 3502, 3513, 3613, 3713, 4023, 4033, 4043, 4053, 4063, 4093, 4403, 4414, 4424, 4443, 4453, 4473, 4613, 4783, 4793, 4960, 4980, 4990	
ZOOL 3153, 4113, 4115, 4133	
* Or other courses selected in consultation with a faculty adviser. May include lower-division courses. May not include courses selected above.	

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Plant and Soil Sciences      Option: Agronomic Business**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 70 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<b>Core Courses 50 Hours</b>	
American History & Government	6	HIST 1103; POLS 1113	BOT	1404, 3463
Analytical & Quantitative Thought (A)	6	MATH 2103*; STAT 2013* or 2023*	BIOC	2344 (or CHEM 3015 or PHYS 1114)
Humanities (H)	6	Any course designated (H)	PLNT	1101, 1213, 2013, 2041, 3113, 3554, 4123 (or 4673 or 4573), 4571, 3 hours from 4080 or 4990
Natural Sciences (N)	13	BIOL 1114*; CHEM 1215* (or 1314*) CHEM1225* (or 1515*)	SOIL	2124, 4234, 3 hours from 3433, 4483, 4683, 4893
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713* or 3733*	AGEC	3323, 3713
Diversity (D)	--	Any course designated (D)	<b>Choose one Emphasis area 20 Hours</b>	
International Dimension (I)	--	Any course designated (I)	<b>Agricultural Economics Emphasis</b> (Agricultural Economics and Agribusiness Minor)	
Scientific Investigation (L)	--	Met by either BIOL 1114 or CHEM 1215	AGEC 3183 or ACCT 2103	
*College & Departmental requirements that may be used to meet GE requirements.			9 hours from: AGECE 3213, 3333, 3403, 3463, 3503, 3603, 3703, 4333, 4403, 4423, 4503, 4513, 4703, 4803	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			8 hours from upper-division PLNT or SOIL	
Agricultural Sciences and Natural Resources	4	AG 1011; ENTO 2993	<b>Entrepreneurship Emphasis</b> (Fulfills course requirements for Entrepreneurship minor)	
Written Communications	3	ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives)	ACCT 2103	
			EEE 3023	
			9 hours from EEE 3020, 3023, 3033, 3263, 3403, 3513, 3663, 4110, 4113, 4263, 4313, 4483, 4513, 4610, 4653, LSB 4403, ECON 3033	
			5 hours upper-division from PLNT or SOIL	
			<b>ELECTIVES: 0 HOURS</b>	
			Hours to complete required total.	

**Other Requirements:**

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Plant and Soil Sciences      Option: Crop Production and Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513 or 2103*, STAT 2013*
Humanities (H)	6	Any course designated (H)
Natural Sciences (N)	13	BIOL 1114*; CHEM 1215* (or 1314*) CHEM1225* (or 1515*)
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Met by either BIOL 1114 or CHEM 1314
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; ENTO 2993
Written Communications	3	ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives)

<b>MAJOR REQUIREMENTS: 70 HOURS</b>	
<b>Core Courses 44 Hours</b>	
BOT	1404, 3463
BIOC	2344 (or CHEM 3015 or PHYS 1114)
PLNT	1101, 1213, 2013, 2041, 3113, 3554, 4571
PLNT	4123 or 4573 or 4673
PLNT	3 hours from 4080 or 4990
SOIL	2124, 4234
	3 hours from 3343, 4483, 4683, 4893
<b>Choose one emphasis area 26 Hours</b>	
<b>Agronomic Crops Emphasis</b>	
GEOG 2343, 3023 (or 3033); PLP 3433; 9 hours upper-division PLNT or SOIL ; 8 hours upper-division AGECE, BOT, ENTO, or PLP electives	
<b>Forage and Livestock Emphasis (Animal Science Minor)</b>	
ANSI 1124 ; PLNT 4613 ; 18 hours (at least 3 hours 4000 level) from ANSI 3414, 3423, 3433, 3443, 3543, 3653, 3703, 3903, 4023, 4203, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713, 4843; 1 hour upper-division PLNT or SOIL	
<b>Horticulture Crops Emphasis (Horticulture Minor)</b>	
HORT 1013, 3084; 8 hours upper-division HORT ; 6 hours upper-division PLNT or SOIL ; 5 hours upper-division AGECE, GEOG, ENTO, or PLP	
<b>International Agriculture Emphasis</b>	
AGEC 4343; AGED 4713; AG 3080 (or 3 hours of equivalent international experience) ; 9 hours from: ANTH 3443, CTED 4333, GEOG 3053, 3113, 3723, 3733, 3743, 3753, 3763, 3783, 3793, 4143 HIST 3133, 3163, 3273, 3323, 3413, 3423, 3433, 3463, 3493, 3513, 3543, 3553, 3963, HONR 3023, 3033, LA 4433, MC 4153, NSCI 3543, POLS 3003, 3033, 3123, 3143, 3163, 3193, 3223, 3313, 4043, 4113, SOC 4033, 4533, 4653, SCFD 4913 ; 8 hours foreign language or upper-division ANSI, ENTO, GEOG, HORT, PLP, PLNT, or SOIL	
<b>Pest Management Emphasis (Pest Management Minor)</b>	
GEOG 2343, 3023 (or 3033) ; ENTO 3331 ; PLP 3433 ; 4 hours upper-division ENTO 3003, 3021, 3044, 3421, 3461, 4223, 4464, 4484, 4854, PLP 3553, 3663, PLNT 4923, SOIL 4363, NREM 3613, 4033 ; 7 hours upper-division PLNT or SOIL ; 5 hours upper-division AGECE, BOT, GEOG, NREM	
<b>ELECTIVES: 0 HOURS</b> - Hours to complete required total.	

Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

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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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Plant and Soil Sciences      Option: Plant Biotechnology and Improvement**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 69 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<b>Core Courses <u>58 Hours</u></b>	
American History & Government	6	HIST 1103; POLS 1113	BOT	1404, 3463
Analytical & Quantitative Thought (A)	7	MATH 2144*, STAT 2013*	CHEM	3053
Humanities (H)	6	Any course designated (H)	PLNT	1101, 1213, 2013, 2041, 3554, 4353, 4571, 4990(3hr)
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314*, CHEM 1515*	PLNT	4123 or 4673
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713* or 3733*	MICR	2123, 2132
Diversity (D)	--	Any course designated (D)	PHYS	1114
International Dimension (I)	--	Any course designated (I)	SOIL	2124, 4234, 4483
Scientific Investigation (L)	--	Met by either BIOL 1114 or CHEM 1314	BIOC	3713
*College & Departmental requirements that may be used to meet GE requirements.			PLP	3343
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			<b>Choose one Emphasis area <u>11 Hours</u></b>	
Agricultural Sciences and Natural Resources	4	AG 1011, ENTO 2993	<b>Biochemistry Emphasis:</b> (Biochemistry Minor)	
Written Communications	3	ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives)	BIOC 3723, 3813	
			CHEM 3153	
			2 hours upper-division BIOC, PLNT or SOIL	
			<b>Botany Emphasis:</b> (Botany Minor)	
			BOT 3005 or 3114	
			3 hours upper division BOT	
			3 or 4 hours upper-division BOT, PLNT or SOIL	
			<b>Microbiology Emphasis:</b> (Microbiology Minor)	
			MICR 3223	
			8 hours upper-division MICR (excluding MICR 3103)	
			<b>Pre-Professional Emphasis</b>	
			11 hours electives (at least 6 upper division)	
			<b>ELECTIVES: 0 HOURS</b>	
			Hours to complete required total.	

Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

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 2019.

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**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Plant and Soil Sciences      Option: Soil and Water Resources**

**Minimum Overall Grade Point Average: 2.00                      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 70 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Core Courses 53 Hours</b>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	PLNT 1101, 1213, 2013, 2041, 4571 3 hours from PLNT 3133, 3554, 4123, 4673 3 hours from PLNT 4080 or 4990		
American History & Government	6	HIST 1103; POLS 1113	SOIL 2124, 3433, 4234, 4483, 4683, 4893 BIOC 2344 or CHEM 3015 GEOG 2343		
Analytical & Quantitative Thought (A)	6	MATH 2103* or 2144*; STAT 2013*	GEOL 1114, 4453 (or BAE 4313 or NREM 4443) PHYS 1114		
Humanities (H)	6	Any course designated (H)	<b>Choose One Emphasis area 17 Hours</b>		
Natural Sciences (N)	13	BIOL 1114*; CHEM 1314* (or 1215*), CHEM 1515* (or 1225*)	<b>Conservation Emphasis</b> (Natural Resources Ecology and Management minor) SOIL 4463 NREM 1014, 3613, 3713, 4513 1 hour from upper-division GEOG, GEOL, NREM, PLNT, SOIL		
Social & Behavioral Sciences (S)	6	AGEC 1113*; SPCH 2713* or 3733*	<b>Environmental Management Emphasis</b> SOIL 4463, 4913 BOT 3253 or HIST 4523 or NREM 4043 or POLS 4363 or 4593 AGEC 3503 GEOG 3123 2 hour from upper- division GEOG, NREM, NSCI, PLNT, or SOIL		
Diversity (D)	--	Any course designated (D)	<b>Geology Emphasis</b> GEOL 1224, 2254, 2364 5 hours from upper- division GEOL		
International Dimension (I)	--	Any course designated (I)	<b>Precision Agriculture Emphasis</b> SOIL 4213 CS 1103 or 1113 or MSIS 3363 NREM 3083 or GEOG 4333 GEOG 3333, 4343 2 hour from upper -division GEOG, MSIS, NSCI, PLNT, or SOIL		
Scientific Investigation (L)	--	Met by either BIOL 1114 or CHEM 1314	<b>Soil Science Emphasis</b> 12 hours from upper -division GEOG, GEOL, PLNT, or SOIL 5 hours electives		
*College & Departmental requirements that may be used to meet GE requirements.			<b>ELECTIVES: 0 HOURS</b> - Hours to complete required total.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>					
Agricultural Sciences and Natural Resources	4	AG 1011; ENVR 1113 or NREM 2013			
Written Communications	3	ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives)			

**Other Requirements:**

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

**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 2019.

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# College of Arts & Sciences

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## **Bachelor of Arts**

- AS-1 - American Studies
- AS-2 - Art - Art History
- AS-3 - Art - Studio Art
- AS-4 - Economics - *General*
- AS-4 - Economics - *International Economic Relations*
- AS-5 - English
- AS-6 - English - *Creative Writing*
- AS-7 - English - *Screen Studies*
- AS-8 - English - *Professional Writing*
- AS-9 - French
- AS-10 - Geography
- AS-11 - German
- AS-12 - History
- AS-13 - Liberal Studies
- AS-14 - Mathematics
- AS-15 - Multimedia Journalism
- AS-16 - Music
- AS-17 - Philosophy
- AS-18 - Political Science
- AS-19 - Psychology
- AS-20 - Russian Language and Literature
- AS-21 - Sociology
- AS-22 - Sociology - *Anthropology*
- AS-23 - Sociology - *Applied Sociology*
- AS-24 - Spanish
- AS-25 - Sports Media
- AS-26 - Strategic Communication
- AS-27 - Theatre

## **Bachelor of Fine Arts**

- AS-28 - Art - *Graphic Design*
- AS-29 - Art - *Studio*

## **Bachelor of Music**

- AS-30 - Music - *Elective Studies in Business*
- AS-31 - Music - *Performance*
- AS-32 - Music Education - *Instrumental/Vocal Certification*

## **Bachelor of Science**

- AS-33 - Biochemistry
- AS-34 - Biological Science
- AS-35 - Botany
- AS-36 - Chemistry - *ACS Approved*
- AS-37 - Chemistry - *Departmental Degree*
- AS-38 - Communication Sciences and Disorders
- AS-39 - Computer Science
- AS-40 - Economics
- AS-41 - Geography
- AS-42 - Geology
- AS-43 - Liberal Studies
- AS-44 - Mathematics
- AS-45 - Microbiology/Cell and Molecular Biology - *Biomedical Science*
- AS-46 - Microbiology/Cell and Molecular Biology - *Clinical Laboratory Science*
- AS-47 - Microbiology/Cell and Molecular Biology - *Microbial Ecology/Environmental*
- AS-48 - Microbiology/Cell and Molecular Biology - *Microbial Pathogenesis*
- AS-49 - Microbiology/Cell and Molecular Biology - *Molecular Genetics*
- AS-50 - Multimedia Journalism
- AS-51 - Physics
- AS-52 - Physics - *Applied Physics*
- AS-53 - Physiology
- AS-54 - Political Science
- AS-55 - Psychology
- AS-56 - Sociology
- AS-57 - Sociology - *Anthropology*
- AS-58 - Sociology - *Applied Sociology*
- AS-59 - Sports Media
- AS-60 - Statistics
- AS-61 - Strategic Communication
- AS-62 - Zoology

# College of Arts and Sciences

## 1. GENERAL EDUCATION REQUIREMENTS

- a. No more than two courses (or eight hours) from the major department may be used to meet General Education and College and Departmental Requirements. The General Education Controlled Elective required English Composition, required U.S. History, required American Government, and one required MATH course do not count against the two-course maximum.
- b. The Diversity, International Dimension, Scientific Investigation and Non-Western requirements may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).
- c. Courses in the major department may not be used to satisfy the College requirement for six hours upper-division General Education.

## 2. A&S COLLEGE/DEPARTMENTAL REQUIREMENTS

- a. Arts and Humanities are defined as any course carrying an (H) designation or courses from ART, HIST, MUSI, PHIL (except 1313 and 3003), REL, TH, creative writing, foreign languages (second year and above), linguistics and literature. No more than six hours may be music or theatre performance or art studio.
- b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, BOT, CHEM, CS (except 4883), GEOL, MATH, MICR, PHYS, STAT and ZOOL; or courses from other departments that carry an (A) or (N) general education designation.
- c. Non-Western Studies Requirement for B.A. and B.F.A. (see 1.b. above). One course in Non-Western Studies from: AMIS 2013, 4013, ANTH 3443, 4223; ART 3693, 4603, 4653, 4663, 4673, 4683, 4763; CHIN 1225; ECON 4643; ENGL 3173, 3183; ENGL 3190 (African Novel; Post-Col Multi Ethnic Lit); FLL 1000 (Arabic 2; Mvskoke 2); GEOG 3053, 3753, 3763, 3783; HIST 1713, 3013, 3043, 3053, 3203, 3403, 3413, 3423, 3433, 3503, 3513, 3543, 3553; HONR 3033; JAPN 1225, 2015, 2225; MUSI 3583; PHIL 3943; POLS 3053, 3163, 3223, 3313; REL 3573, 3613, 4050 (Understanding Islam; Rel & Sects of Mid-East), 4113, 4213; RUSS 3053; SOC 4533, 4653.

## 3. FOREIGN LANGUAGE PROFICIENCY

- a. The foreign language requirement for the B.A. may be satisfied by 10 hours college credit in the same language, or equivalent proficiency (e.g., passing an advanced standing examination; completing a second-year or higher college-level course in the language, etc.).
- 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 any of the options listed above for the B.A.

## 4. EXCLUSIONS

- a. Courses used to satisfy the English Composition, American History and Government requirement will not count toward the 54 hour maximum allowed from one department.
- b. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit in the College of Arts & Sciences.

## 5. TEACHER CERTIFICATION

Students can satisfy the requirements for secondary schools teaching certification while earning a B.A. or B.S. in the College of Arts & Sciences. Those interested should see their Arts and Sciences adviser and the OSU Professional Education Unit in room 325 Willard.



**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: American Studies**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A)
Humanities (H)	6	Courses designated (H)
Natural Sciences (N)	8	Courses designated (N)
Social & Behavioral Sciences (S)	6	Courses designated (S)
Diversity (D)	--	Course designated (D) (see note 1.b.)
International Dimension (I)	--	Course designated (I) (see note 1.b.)
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)
Controlled Electives	2	Any course with a GE designation in any of the above areas

<b>MAJOR REQUIREMENTS: 48 HOURS</b>
Minimum GPA <u>2.50</u> . 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 3223 and 4973
<u>9 hours:</u> (6 hours must be upper-division) AMST courses (other than AMST 3223 & 4973) and/or courses listed in the following four categories:
<u>American History (6 hours):</u> HIST (3 hours must be upper-division) 2323, 2333, 2343, 3133, 3613, 3623, 3633, 3643, 3653, 3663, 3673, 3683, 3693, 3753, 3763, 3773, 3793, 4063, 4153, 4163, 4173, 4253, 4273, 4353, 4453, 4463, 4483, 4493, 4503, 4513, 4523, 4543, 4553, 4563, 4593
<u>American Literacy and Cultural Studies (6 hours):</u> ENGL (3 hours must be upper-division) 2773, 2883, 3153, 3183, 3190, 3193, 3410, 3453, 3473, 3813, 4093, 4200, 4210, 4220, 4400, 4450
<u>Fine Arts, Humanities and Interdisciplinary Studies (6 hours):</u> AMIS 2013 AMST 2103, 3550 ART 3663, 3683, 4613, 4633, 4763 ARCH 4083, 4173, 4183 GEOG 4223, 4253 GWST 2113, 2123, 3513, 3613, 3713, 4113, 4503 MUSI 3573, 3741, 3751 PHIL 3513, 3813, 3843 POLS 3683 REL 3573
<u>Social Sciences (6 hours):</u> ECON 3173, 3823 GEOG 3123, 3133, 3173, 3243, 3703, 3713, 4103, 4113, 4143, 4213 POLS 2023, 3453, 3483, 3493, 3613, 3953, 3973, 3983, 4013, 4223, 4363, 4403, 4553, 4623, 4693, 4963, 4973 SCFD 4123 SOC 3133, 3213, 3993, 4213, 4383, 4433, 4443, 4453, 4463, 4473, 4643, 4723
<u>9 hours:</u> upper-division related courses

<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)
Arts & Humanities	9	_____ (see note 2.a.)
Natural & Mathematical Sciences	3	_____ (see note 2.b.)
Foreign Languages	10	_____ (see note 3.)
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)

<b>ELECTIVES: 9 HOURS</b>
1 hour may need to be upper-division.

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Upper-Division Gen Ed: 6 hours outside AMST, American History and American Literature.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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DEPARTMENT HEAD



**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Art      OPTION: Art History**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 50 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all Art History courses <u>3.00</u> with a minimum grade of "C" in all ART courses.		
American History & Government	6	HIST 1103; POLS 1113	Foreign Language – 5 additional hours (any language – any level)		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A); or MATH 1715	Art Studio (3 hours) 1103 or 1203		
Humanities (H)	6	Courses designated (H)	Art History (27 hours)		
Natural Sciences (N)	8	Courses designated (N)	2603 2613 3603 or 3713 or 3723 3623 or 3633 or 3673 3683 3600 (1-3 hours) minimum 3 hours. Special Studies: Writing Methods in Art History (must be in one-hour blocks taken concurrently with upper-division Art History)		
Social & Behavioral Sciences (S)	6	Courses designated (S)	4933 6 hours from ART 3653, 3663, 3693, 3733, 3743, 4593, 4613, 4623, 4653, 4663, 4673, 4683, 4693, 4703, 4713, 4763		
Diversity (D)	--	Course designated (D) (see note 1.b.)	9 hours upper-division Art History (4800 Museum Internship recommended)		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	Electives (6 hours) upper-division major-related courses		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 7 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4 hours may need to be upper-division.		
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Art      OPTION: Studio Art**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all ART courses <u>2.50</u> with a minimum grade of "C" in all ART courses.  ART 1103 1113 1203 1303 2002 2603 and 2613  Choose 9 hours from 2-D and 3-D studios: ART 2113 or 2223 or 2233 or 2273 or 2283 (3-6 hours) 2243 or 2253 or 2263 (3-6 hours)  6 hours upper-division Art History  12 hours upper-division Studio Art ART 4110 (1 hour)	
American History & Government	6	HIST 1103; POLS 1113		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A) or MATH 1715		
Humanities (H)	6	Courses designated (H)		
Natural Sciences (N)	8	Courses designated (N)		
Social & Behavioral Sciences (S)	6	Courses designated (S)		
Diversity (D)	--	Course designated (D) (see note 1.b.)		
International Dimension (I)	--	Course designated (I) (see note 1.b.)		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)		
Controlled Electives	2	Any course with a GE designation in any of the above areas		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 9 HOURS</b>	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	All electives plus 13 hours general education or college/departmental requirements may need to be upper-division	
Arts & Humanities	9	_____ (see note 2.a.)		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)		
Foreign Languages	10	_____ (see note 3.)		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)		
<u>Other Requirements:</u> See notes 1, 2 & 3 on back of degree sheet <u>Upper-Division Gen Ed:</u> 6 hours outside major department. <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above. <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.				
<u>Additional State/OSU Requirements</u> – 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 2019.				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Economics      OPTION: Two options**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.00</u> Minimum GPA in ECON courses <u>2.00</u> .		
American History & Government	6	HIST 1103; POLS 1113	<u>Core Courses:</u> ECON 2103, 2203, 3113, 3123		
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1715; and STAT 2013 or 2023	<u>General Option</u> <u>15 hours</u> in Economics courses 3000-level or above <u>18 hours</u> of upper-division electives of which 3 must be outside the field of Economics		
Humanities (H)	6	Courses designated (H)	<u>International Economic Relations Option</u> ECON 3613; and 4643		
Natural Sciences (N)	8	Courses designated (N)	ENGL 3323 or BCOM 3333		
Social & Behavioral Sciences (S)	6	Courses designated (S)	FIN 3113 and 4213; or MKTG 3213 and 4553; or LSB 3213 and 4633		
Diversity (D)	--	Course designated (D) (see note 1.b.)	9 hours upper-division Economics electives		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	9 hours selected from Arts & Sciences courses that have an international emphasis		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 12 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	1 hour may need to be upper-division		
Arts & Humanities	9	Int'l Econ. Rel.; 5 hours foreign language (2000-level or above). International courses recommended for remainder (see note 2.a.)	General Option: STAT 3013 is recommended.		
Natural & Mathematical Sciences	3	MATH 2103	International Economic Relations Option: ACCT 2103 required; STAT 3013 is recommended.		
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: English**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all ENGL courses <u>3.00</u> and a minimum grade of "C" in each course (excluding English Composition and free electives).		
American History & Government	6	HIST 1103; POLS 1113	ENGL 2653 and 2883		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	33 hours upper-division ENGL (Minimum of 12 hours at 4000-level)		
Humanities (H)	6	Courses designated (H)	Genre Studies 3 hours: ENGL 3343, 3363, 3373, 3383		
Natural Sciences (N)	8	Courses designated (N)	Cultural Studies 3 hours: ENGL 3153, 3170, 3173, 3183, 3190, 3193, 3813		
Social & Behavioral Sciences (S)	6	Courses designated (S)	4000-level course in literature before 1800 / 3 hours 4000-level course in literature after 1800 / 3 hours		
Diversity (D)	--	Course designated (D) (see note 1.b.)	Criticism / 3 hours Writing / 3 hours Language/Linguistics / 3 hours English Electives / 12 hours		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	15 hours non-English upper-division related courses		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	ENGL 2543, 2773 and 3 additional hours (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet  <b>Upper-Division Gen Ed:</b> 6 hours outside major department.  <b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.  <b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>			<b>ELECTIVES: 3 HOURS</b>		
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: English      OPTION: Creative Writing**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all ENGL courses <u>3.00</u> and a minimum grade of "C" in each course (excluding English Composition and free electives).		
American History & Government	6	HIST 1103; POLS 1113	ENGL 2543, 2653, 2773 (choose two of three)		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	33 hours upper-division ENGL (Minimum of 12 hours at 4000-level)		
Humanities (H)	6	Courses designated (H)	Genre Studies 6 hours: ENGL 3343, 3363, 3373, 3383		
Natural Sciences (N)	8	Courses designated (N)	Cultural Studies 3 hours: ENGL 3153, 3170, 3173, 3183, 3190, 3193, 3813		
Social & Behavioral Sciences (S)	6	Courses designated (S)	Creative Writing 15 hours: ENGL 3030, 3040, 3060, 4460, 4630, 4640		
Diversity (D)	--	Course designated (D) (see note 1.b.)	English Electives / 9 hours		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	15 hours non-English upper-division related courses		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 3 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	ENGL 2513, 2883 and 3 additional hours (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><u>Upper-Division Gen Ed:</u> 6 hours outside major department.</p> <p><u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: English      OPTION: Screen Studies**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all ENGL courses <u>3.00</u> and a minimum grade of "C" in each course (excluding English Composition and free electives).		
American History & Government	6	HIST 1103; POLS 1113	ENGL 2773 or 2883		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	ENGL 3263, 3453, 3463, 4450		
Humanities (H)	6	Courses designated (H)	ENGL 3353 or 3473 or 4263		
Natural Sciences (N)	8	Courses designated (N)	ENGL 3433 or 3443		
Social & Behavioral Sciences (S)	6	Courses designated (S)	18 hours of upper-division ENGL electives, 6 of which must be in literature		
Diversity (D)	--	Course designated (D) (see note 1.b.)	15 hours non-English upper-division related courses		
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	ENGL 2453; 2543 or 2653; and 3 additional hours (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><b>Upper-Division Gen Ed:</b> 6 hours outside major department.</p> <p><b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>			<b>ELECTIVES: 3 HOURS</b>		
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: English      OPTION: Professional Writing**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all ENGL courses <u>3.00</u> and a minimum grade of "C" in each course (excluding English Composition and free electives).		
American History & Government	6	HIST 1103; POLS 1113	ENGL 2233		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	ENGL 3203, 3223, 4013, 4523, 4530, 4543, 4553		
Humanities (H)	6	Courses designated (H)	Linguistics / 9 hours from ENGL 4003, 4033, 4043, 4063, 4073, 4080, 4083, 4093		
Natural Sciences (N)	8	Courses designated (N)	English electives / 9 hours upper-division		
Social & Behavioral Sciences (S)	6	Courses designated (S)	Cognate Areas		
Diversity (D)	--	Course designated (D) (see note 1.b.)	Students must choose one of the following areas:		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	Humanities		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	12 hours upper-division		
Controlled Electives	2	Any course with a GE designation in any of the above areas	Social Studies		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			12 hours upper-division		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	Education		
Arts & Humanities	9	ENGL 2243 and 6 additional hours (see note 2.a.)	ENGL 3903 and 9 hours upper-division		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	Business & Management		
Foreign Languages	10	_____ (see note 3.)	12 hours upper-division		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)	Science & Engineering		
			ENGL 4563 and 9 hours upper-division		
			<b>ELECTIVES: 3 HOURS</b>		
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet					
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.					
<b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.					
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: French**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 40 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> in lower-division French courses and <u>2.50</u> in upper-division French courses with minimum grade of "C" in each course		
American History & Government	6	HIST 1103; POLS 1113	FREN 2112, 2113, 2232, 2233; or equivalent proficiency		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	FREN 3203, 3213, 4333		
Humanities (H)	6	Courses designated (H)	12 or more hours of French, of which at least six hours must be literature courses*, from		
Natural Sciences (N)	8	Courses designated (N)	FREN 3073                  FREN *4153		
Social & Behavioral Sciences (S)	6	Courses designated (S)	3343                          *4163		
Diversity (D)	--	Course designated (D) (see note 1.b.)	3463                          *4173		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	*3853                        *4183		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	4550 (1-9 hours)		
Controlled Electives	2	Any course with a GE designation in any of the above areas	*4573		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			FLL 3500 (1-20 hours)		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4000 (1-9 hours)		
Arts & Humanities	9	_____ (see note 2.a.)	The remaining hours may be taken from related fields, such as:		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	GEOG 3723		
Foreign Languages	10	_____ (see note 3.)	HIST 3243, 3253, 3263, 3323		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)	POLS 3143		
			Students completing Teacher Education requirements may include professional education courses.		
			<b>ELECTIVES: 18 HOURS</b>		
			10 hours may need to be upper-division		
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet					
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.					
<b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.					
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Geography**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u>	
American History & Government	6	HIST 1103; POLS 1113	GEOG 1113 or 2253 2343 or 4203 3333 4313 4323	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2023 or 2053	24 hours GEOG (21 hours must be upper-division)	
Humanities (H)	6	Courses designated (H)	6 hours upper-division (non-GEOG) departmental approved related courses	
Natural Sciences (N)	8	Courses designated (N)		
Social & Behavioral Sciences (S)	6	Courses designated (S)		
Diversity (D)	--	Course designated (D) (see note 1.b.)		
International Dimension (I)	--	Course designated (I) (see note 1.b.)		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)		
Controlled Electives	3	Any course with a GE designation in any of the above areas		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 24 HOURS</b>				
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)		
Arts & Humanities	9	_____ (see note 2.a.)		
Natural & Mathematical Sciences	4	GEOG 1114		
Foreign Languages	10	_____ (see note 3.)		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)		
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><b>Upper-Division Gen Ed:</b> 6 hours outside major department.</p> <p><b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>			<b>ELECTIVES: 10 HOURS</b>	
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>			4 hours may need to be upper-division	

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: German**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 40 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> in lower-division German courses and <u>2.50</u> in upper-division German courses with minimum grade of "C" in each course.	
American History & Government	6	HIST 1103; POLS 1113	GRMN 2112, 2113, 2222, 2223; or equivalent proficiency	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	GRMN 3803, 3813, 4333	
Humanities (H)	6	Courses designated (H)	12 or more hours of German, of which at least 6 hours must be literature courses*, from:	
Natural Sciences (N)	8	Courses designated (N)	GRMN 3333	GRMN *4163
Social & Behavioral Sciences (S)	6	Courses designated (S)	3343	*4513
Diversity (D)	--	Course designated (D) (see note 1.b.)	3463	*4523
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3902	*4543
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	3903	4550 (1-9 hours)
Controlled Electives	2	Any course with a GE designation in any of the above areas	*4153	FLL 3500 (1-20 hours)
				4000 (1-9 hours)
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			The remaining hours may be taken from related fields, such as:	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	GEOG 3723	
Arts & Humanities	9	_____ (see note 2.a.)	POLS 3143	
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	Students completing Teacher Education requirements may include professional education courses.	
Foreign Languages	10	_____ (see note 3.)		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)		
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet			<b>ELECTIVES: 18 HOURS</b>	
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.			10 hours may need to be upper-division	
<b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.				
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: History**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 123**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> . <u>Minimum grade of "C"</u> in all upper-division HIST courses. HIST 1713; 4903 or 4993 (with Professor permission and Honors College enrollment)		
American History & Government	6	HIST 1103; POLS 1113	30 hours of History from the three areas listed below, with 15 hours from one area, 9 hours from a second area, and 6 hours from the remaining area.		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	<u>American History</u> : HIST 3133, 3333, 3613, 3623, 3633, 3643, 3653, 3663, 3673, 3683, 3693, 3753, 3763, 3773, 3783, 3793, 4063, 4153, 4163, 4173, 4253, 4273, 4353, 4453, 4463, 4483, 4493, 4503, 4513, 4523, 4543, 4553, 4563, 4573, 4583, 4593		
Humanities (H)	6	HIST 1613 and 3 hours non-HIST designated (H)	<u>European History</u> : HIST 3003, 3023, 3033, 3113, 3153, 3163, 3233, 3243, 3253, 3263, 3273, 3323, 3343, 3353, 3363, 3373, 3383, 3393, 3483, 3493, 3913, 3953, 3963, 4573		
Natural Sciences (N)	8	Courses designated (N)	<u>World History</u> : HIST 3013, 3043, 3053, 3203, 3403, 3413, 3423, 3433, 3443, 3453, 3463, 3503, 3513, 3523, 3543, 3553		
Social & Behavioral Sciences (S)	6	Courses designated (S)	HIST 3980 or 4980 (1-9 hours) or 4993 may be substituted in one or more of the above areas with consent of advisor.		
Diversity (D)	--	Course designated (D) (see note 1.b.)	15 hours from upper-division courses from the following related fields: American Studies; Art History; Economics; English; Foreign Language; Geography; Philosophy; Political Science; Psychology; Religious Studies; Sociology/Anthropology		
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas	Students completing Teacher Education requirements may: 1) include professional education courses; 2) substitute HIST 2323 and HIST 1483 or 1493 for 6 hours upper-division HIST, leaving 24 hours to be distributed 12, 6, and 6 among American, European and World.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 9 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	*Students with prior credit in HIST 1103 may not earn credit in HIST 1483 or HIST 1493.		
Arts & Humanities	9	HIST 1623 and 6 additional hours non-HIST (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	6 hours may need to be upper-division		
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements</u>: See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed</u>: 6 hours outside major department.  <u>Upper-Division Credit</u>: Total hours must include at least <b>48 hours</b> in courses numbered 3000 or above.  <u>Hours in One Department</u>: Hours in HIST in excess of 48 will be added to the minimum total of 123 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Liberal Studies**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.		
American History & Government	6	HIST 1103; POLS 1113	A&S 4013 (Senior Project) or AMST 4973 (Senior Seminar in American Studies)		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	Additional upper-division courses from the following with 15 hours from each of two disciplines and 12 hours from among remaining disciplines.		
Humanities (H)	6	Courses designated (H)	AMST		
Natural Sciences (N)	8	Courses designated (N)	ANTH		
Social & Behavioral Sciences (S)	6	Courses designated (S)	ART (history)		
Diversity (D)	--	Course designated (D) (see note 1.b.)	ECON		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	ENGL		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	FLL (and specific languages)		
Controlled Electives	2	Any course with a GE designation in any of the above areas	GEOG		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			GWST		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	HIST		
Arts & Humanities	9	_____ (see note 2.a.)	MATH		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	MUSI		
Foreign Languages	10	_____ (see note 3.)	PHIL		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)	POLS		
			PSYC		
			REL		
			SOC		
			SPCH		
			TH		
			<b>ELECTIVES: 12 HOURS</b>		
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet					
<b>Upper-Division Gen Ed:</b> 6 hours outside the two primary disciplines selected in the major department.					
<b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.					
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Mathematics**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 42 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum grade of "C" in each course. MATH 2153, 2163, 2233, 3013, 3613		
American History & Government	6	HIST 1103; POLS 1113	Choose one of the following:		
Analytical & Quantitative Thought (A)	7	MATH 2144; and CS 1113	<u>General:</u> 6 hours from: MATH 4023, 4143, 4153, 4343, 4403, 4613, 4623, 4713, 4813 9 hours from: MATH courses numbered 4000 or above 3 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS or PHYS 9 hours from: upper-division courses in any field.		
Humanities (H)	6	Courses designated (H)	<u>Teacher Certification:</u> MATH 4033, 4403, 4583, 4663, 4713 3 hours from: MATH 4013, 4023, 4233, 4453 CIED 4003, 4053 STAT 4013 or 4023		
Natural Sciences (N)	8	PHYS 1114 or 2014 or 2314; and 4 hours designated (N)	<u>Pre-actuarial/Financial Mathematics:</u> MATH 4453 9 hours from: MATH 4013, 4023, 4063, 4233, 4263, 4513, 4553, 4583, 4663, 5473 STAT 4203		
Social & Behavioral Sciences (S)	6	Courses designated (S)	3 hours from: ECON 3113, 4213, 4223 6 hours from: FIN 3113, 4223, 4333, 4763 3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STAT numbered 4000 or above.		
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	1	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 15 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	7 hours may need to be upper-division.		
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Multimedia Journalism**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.  Core Curriculum: MC 2003, 2023, 4143, 4163 MMJ 3153, 3263, 3553, 4863, 4973  Select one of the options listed below:  1. Multimedia News: a. MMJ 3313, 4313, 4393 b. 12 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division) c. POLS 3613 or POLS 3983 d. Choose 3 hrs from: POLS 3414, 3453, 3613, or 3983 e. 3 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  2. Multimedia Production: a. MMJ 3913, 4953 b. 15 hrs MC, MMJ, SC or SPM (9 hrs must be upper-division) c. 9 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. A passing score on the English Language Proficiency Exam is required for upper-division major requirements.  A minimum of 72 hours must be taken outside of JB/MC/MMJ/SC/SPM. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.  This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.		
American History & Government	6	HIST 1103; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053			
Humanities (H)	6	Courses designated (H)			
Natural Sciences (N)	8	Courses designated (N)			
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143			
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	3	SPCH 2713			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 4 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department (JB, MC, MMJ, SC, SPM).  <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.  <u>Hours in One Department:</u> The School of Media and Strategic Communications requires that hours in JB, MC, MMJ, SC, SPM in excess of 53 will be added to the minimum total of 125 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Music**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 49 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum <u>2.50</u> GPA in all Music courses with minimum grade of "C" in each course.		
American History & Government	6	HIST 1103; POLS 1113	MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A)	4 hours lower-division Applied Major Music Lessons		
Humanities (H)	6	MUSI 3753 and 3 hours designated (H)	2 hours Applied Minor Music Lessons		
Natural Sciences (N)	8	Courses designated (N)	4 hours Music Organization from MUSI 2610, 2620, 2630		
Social & Behavioral Sciences (S)	6	Courses designated (S)	MUSI 3582, 3763, 3783, 3873		
Diversity (D)	--	Course designated (D) (see note 1.b.)	4 hours upper-division Applied Major Music Lessons (to include at least 1 hour at the 4000 level)		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	4 hours from MUSI 3712, 4912, 4972		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	<u>Instrumental and Voice Majors:</u>		
Controlled Electives	2	Any course with a GE designation in any of the above areas	4 hours upper-division large ensemble from MUSI 3610, 3620 or 3630		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 12 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	All electives plus 4 hours general education or college requirements, in addition to MUSI 3753, may need to be upper-division.		
Arts & Humanities	9	_____ (see note 2.a.)	4 hours need to be liberal arts or liberal science.		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><u>Upper-Division Gen Ed:</u> 6 hours outside major department.</p> <p><u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Philosophy**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 43 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.00</u> . Minimum GPA in all Philosophy courses <u>2.50</u> .		
American History & Government	6	HIST 1103; POLS 1113	<u>Core:</u> 6 hours from PHIL 3113, 3213, 3313		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and PHIL 1313	Choose one of the following:		
Humanities (H)	6	PHIL 1013 or 1113 or 1213; and 3 hours designated (H)	<u>General:</u> PHIL 3003		
Natural Sciences (N)	8	Courses designated (N)	Minimum of 19 additional hours in upper-division PHIL courses 15 hours upper-division related courses		
Social & Behavioral Sciences (S)	6	Courses designated (S)	<u>Graduate Preparation:</u> PHIL 3003, 3313, 3413, 4983, 4991		
Diversity (D)	--	Course designated (D) (see note 1.b.)	12 additional hours in upper-division PHIL courses 12 hours upper-division related courses		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	<u>Career/Pre-professional:</u> Minimum of 19 additional hours in upper-division PHIL courses 18 additional upper-division hours related to student's objective		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 14 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<u>Other Requirements:</u> See notes 1, 2 & 3 on back of degree sheet					
<u>Upper-Division Gen Ed:</u> 6 hours outside major department.					
<u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.					
<u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.					
<u>Additional State/OSU Requirements</u> – 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 2019.					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Political Science**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<p>Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.</p> <p>A minimum of 30 hours POLS (27 hours must be upper-division).</p> <p>Core Requirements: (12 hours)            POLS 2013 or 2113; POLS 3663; POLS 3103            POLS Capstone (3 hours)</p> <p>At least 3 hours from 3 different areas (9 hours) listed below:</p> <p><u>American Politics</u>: select from 3353, 3414, 3423, 3453, 3483, 3513, 3523, 3533, 3613, 3683, 3953, 3973, 4000, 4623, 4693</p> <p><u>Comparative Politics</u>: select from 3003, 3053, 3123, 3143, 3163, 3193, 3223, 3313, 4020 4223</p> <p>15 hours in one foreign language or equivalent proficiency on the plan</p> <p><u>International Relations</u>: select from 3033, 3043, 4010, 4013, 4053, 4113</p> <p>15 hours in one foreign language or equivalent proficiency on the plan</p> <p><u>Political Theory</u>: select from 3663, 4553, 4573, 4653, 4670</p> <p><u>Pre-Law/Public Law</u>: select from 3983, 3993, 4353, 4363, 4963, 4973, 4980</p> <p><u>Public Policy/Emergency Management</u>: select from            Public Policy: 3493, 4403, 4413, 4453, 4593            Emergency Management: 3733, 3763, 3813, 3893</p> <p>Upper-division courses to complete the required 45 from: ECON, ENGL, ENVR, FLL, FPST, GEOG, HIST, MGMT, PHIL, PSYC, REL, SOC</p>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)			
American History & Government	6	HIST 1103; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513 and 3 hours designated (A)			
Humanities (H)	6	Courses designated (H)			
Natural Sciences (N)	8	Courses designated (N)			
Social & Behavioral Sciences (S)	6	Courses designated (S)			
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	3	SPCH 2713 or 3733			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements</u>: See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><u>Upper-Division Gen Ed</u>: 6 hours outside major department.†</p> <p><u>Upper-Division Credit</u>: Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><u>Hours in One Department</u>: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

†Updated 9/11/2013 to correct errors in the original printed UP&R book.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Psychology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 50 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<p>Minimum GPA <u>2.00</u> with a minimum grade of "C" in all PSYC courses.            No more than 9 hours of PSYC may be 2000 level.</p> <p><u>Core Requirements:</u> 8 hours            PSYC 3214            PSYC 3914</p> <p>30 hours to include at least one course from each competency area below.</p> <p>1) <u>Learning, Cognition, Biological Basis:</u> 3073, 3113, 3173, 3513, 3713, 3823, 4223, 4023, 4343</p> <p>2) <u>Psychometrics, Personality, Social Processes:</u> 2743, 3013, 3413, 4333, 4153, 4813</p> <p>3) <u>Developmental and Sociocultural Dimensions:</u> 2313, 2583, 2593, 4123, 4133</p> <p>4) <u>Clinical, Applied Psychology:</u> 3443, 4143, 4183, 4213, 4483</p> <p><u>Other Elective Courses:</u> 3120 (1-12 hours), 3990 (1-6 hours), 4493, 4770, 4880 (1-6 hours), 4990 (1-6 hours)            Choose one of the following emphases outside PSYC:</p> <p><u>General Emphasis:</u>            12 hours of upper-division courses from:            AMST, ANTH, ART*, BCOM, CDIS, ECON, EDLE, EEE, ENGL, EPSY, GEOG, GWST, HDFS, HIST, LSB, MGMT, MKTG, MUSI*, PHIL, POLS, REL, SOC, SPCH, TH* and Foreign Language.</p> <p><u>Applied Emphasis:</u>            12 hours of upper-division courses from:            ECON 3213, 3523            HDFS 3453, 3613, 4423, 4433, 4473            POLS 3414, 3503, 3513, 3523, 4693            SOC 3523, 3823, 4023, 4333, 4850, 4950, 4990</p> <p><u>Business Emphasis:</u>            12 hours of upper-division courses from:            BCOM, EEE, LSB, MGMT, MKTG            *music performance, studio art and applied theatre are not permitted.</p>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)			
American History & Government	6	HIST 1103; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1513 and 3 hours designated (A)			
Humanities (H)	6	Courses designated (H)			
Natural Sciences (N)	8	Courses designated (N)			
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours designated (S)			
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 7 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.†  <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

†Updated 9/11/2013 to correct errors in the original printed UP&R book.

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**COLLEGE OF ARTS & SCIENCES**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Russian Language and Literature**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 40 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> in lower-division Russian courses and <u>2.50</u> in upper-division Russian courses with minimum grade of "C" in each course.	
American History & Government	6	HIST 1103; POLS 1113	RUSS 2115, 2225; or equivalent proficiency	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	RUSS 3113, 3123, 3223, 4223	
Humanities (H)	6	Courses designated (H)	RUSS 4013, 4023, (required literature courses)	
Natural Sciences (N)	8	Courses designated (N)	3 hours from: RUSS 3003                      FLL 3500 (1-20 hours) 3053                              4000 (1-9 hours) 4113 4123	
Social & Behavioral Sciences (S)	6	Courses designated (S)	The remaining hours may be taken from related fields, such as:	
Diversity (D)	--	Course designated (D) (see note 1.b.)	GEOG 3733	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	HIST 3153, 3163, 3203	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	POLS 3003, 3123	
Controlled Electives	2	Any course with a GE designation in any of the above areas		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 18 HOURS</b>	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	10 hours may need to be upper-division.	
Arts & Humanities	9	_____ (see note 2.a.)		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)		
Foreign Languages	10	_____ (see note 3.)		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)		
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>				
<p><u>Additional State/OSU Requirements</u> – 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 2018.</p>				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Sociology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u>		
American History & Government	6	HIST 1103; POLS 1113	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	Minimum 30 hours of courses with SOC/ANTH prefix.		
Humanities (H)	6	Courses designated (H)	SOC 1113		
Natural Sciences (N)	8	Courses designated (N)	2123 (or ANTH 3353)		
Social & Behavioral Sciences (S)	6	Courses designated (S)	3113		
Diversity (D)	--	Course designated (D) (see note 1.b.)	4133		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	4243		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	4663		
Controlled Electives	2	Any course with a GE designation in any of the above areas	3 hours from: SOC 3133		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			3993		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4383		
Arts & Humanities	9	_____ (see note 2.a.)	4643		
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	4653		
Foreign Languages	10	_____ (see note 3.)	15 hours upper-division SOC/ANTH		
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)	9 hours upper-division related courses		
			<b>ELECTIVES: 13 HOURS</b>		
			1 hour may need to be upper-division.		
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><u>Upper-Division Gen Ed:</u> 6 hours outside major department (ANTH, SOC).</p> <p><u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation (ANTH, SOC).</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Sociology    OPTION: Anthropology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u>		
American History & Government	6	HIST 1103; POLS 1113	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	Minimum 30 hours of courses with SOC/ANTH prefix.		
Humanities (H)	6	Courses designated (H)	ANTH 2353 ANTH 2883 ANTH 3353 SOC 1113 SOC 3113 SOC 4133 SOC 4243 SOC 4663		
Natural Sciences (N)	8	Courses designated (N)	<u>6 hours</u> upper-division SOC		
Social & Behavioral Sciences (S)	6	Courses designated (S)	<u>6 hours</u> upper-division ANTH		
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>12 hours</u> upper-division related courses from:		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	ART 3733, 4603, 4763		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	GEOG 3053, 3243, 3783, 3793, 4333, 4353		
Controlled Electives	2	Any course with a GE designation in any of the above areas	HIST 3013, 3023, 3133, 3443, 3453, 3463, 3503, 3513, 3543, 3553, 3763, 3793, 4063, 4493, 4523, 4573, 4980		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			MUSI 3573, 3583 PHIL 3943 POLS 3953, 3973 REL 3573 SOC 3133, 4433, 4443, 4453, 4990 ZOO 3113, 3123		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><b>Upper-Division Gen Ed:</b> 6 hours outside major department (ANTH, SOC).</p> <p><b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation (ANTH, SOC).</p>			<b>ELECTIVES: 10 HOURS</b>		
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>			1 hour may need to be upper-division.		

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**COLLEGE OF ARTS & SCIENCES**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Sociology    OPTION: Applied Sociology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 52 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.		
American History & Government	6	HIST 1103; POLS 1113	SOC 1113; 2123 or ANTH 3353 SOC 3113, 3953, 4133, 4850 (4 hours) 3 hours from: SOC 3133, 3993, 4383, 4643, 4653 SOC 4243 SOC 4663		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	Choose one of the following emphases:		
Humanities (H)	6	Courses designated (H)	<u>Law, Crime and Social Justice</u> SOC 3523, 4033, 4313, 4333, 4443 9 hours from: SOC 3133, 3223, 3323, 4023, 4213, 4723, 4733, 4743, 4753, 4923, EPSY 3213; HDFS 3423; HHP 3913; PHIL 3843; POLS 3983; PSYC 3443, 4133, 4143, 4213		
Natural Sciences (N)	8	Courses designated (N)	<u>Environment and Society</u> SOC 4433, 4453, 4463, 4533 12 hours from: SOC 3323, 4323, 4513, 4623, AGECE 4503, ECON 4913, GEOG 3123, 3153, 4123, HIST 4063, 4503, POLS 4363, 4593, PSYC 4213		
Social & Behavioral Sciences (S)	6	Courses designated (S) recommend HDFS 2113 & PSYC 1113	<u>Social Services</u> SOC 3223, 4343, 4723, HDFS 3443 12 hours from: SOC 3133, 4043, 4623, ECON 3523, HDFS 3423, 3443, 4423, HHP 3613, 3913, 4433, PSYC 4133, 4213		
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 6 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department (ANTH, SOC).  <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation (ANTH, SOC).</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Spanish**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 40 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> in lower-division Spanish courses and <u>2.50</u> in upper-division Spanish courses with a minimum grade of "C" in each course.	
American History & Government	6	HIST 1103; POLS 1113	SPAN 2115, 2233, 2232; or equivalent proficiency SPAN 3013, 3023 or 3033; 3213; 4323 or 4333	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	12 or more hours of Spanish, of which at least 6 hours must be literature courses*, from:	
Humanities (H)	6	Courses designated (H)	SPAN 3203	SPAN *4253
Natural Sciences (N)	8	Courses designated (N)	3463	*4263
Social & Behavioral Sciences (S)	6	Courses designated (S)	*4123	4413
Diversity (D)	--	Course designated (D) (see note 1.b.)	*4133	4550 (1-9 hours)
International Dimension (I)	--	Course designated (I) (see note 1.b.)	*4163	5110 (1-9 hours)
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	*4173	FLL 3500 (1-20 hours)
Controlled Electives	2	Any course with a GE designation in any of the above areas	*4223	4000 (1-9 hours) 5210 (1-9 hours)
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>				
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	The remaining hours may be taken from related fields, such as:	
Arts & Humanities	9	_____ (see note 2.a.)	GEOG 3723, 3743	
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	HIST 3453, 3463	
Foreign Languages	10	_____ (see note 3.)	POLS 3193	
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)	Students completing Teacher Education requirements may include professional education courses.	
			<b>ELECTIVES: 18 HOURS</b>	
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet			10 hours may need to be upper-division.	
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.				
<b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.				
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Sports Media**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.  Core Curriculum: MC 2003, 2023, 4143, 4163, SPM 2843, 3843  Select one of the options listed below:  1. Sports Media Production: a. MMJ 3153, 3263, 3913 and SPM 3863, 4813, 4883 b. 12 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division) c. 9 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  2. Sports Media News: a. MMJ 3153, 3263, 3313, 4393 and SPM 3853, 3863, 4883 b. 9 hrs MC, MMJ, SC or SPM (3 hrs must be upper division) c. 9 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  3. Sports Media Strategic Communications/Promotion: a. SC 2183, 3353, 3753, 3953 and SPM 3783, 4933 b. 12 hrs MC, MMJ, SC or SPM electives (9 hrs must be upper-division) c. 6 hrs upper-division MKTG d. 3 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. A passing score on the English Language Proficiency Exam is required for upper-division major requirements.  A minimum of 72 hours must be taken outside of JB/MC/MMJ/SC/SPM. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.  This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.		
American History & Government	6	HIST 1103; POLS 1113			
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053			
Humanities (H)	6	Courses designated (H)			
Natural Sciences (N)	8	Courses designated (N)			
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143			
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	3	SPCH 2713			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			
Arts & Humanities	9	_____ (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet <u>Upper-Division Gen Ed:</u> 6 hours outside major department (JB, MC, MMJ, SC, SPM). <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above. <u>Hours in One Department:</u> The School of Media and Strategic Communications requires that hours in JB, MC, MMJ, SC, SPM in excess of 53 will be added to the minimum total of 125 required for graduation.					
<u>Additional State/OSU Requirements</u> – 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 2019.					

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**COLLEGE OF ARTS & SCIENCES**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Strategic Communication**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.	
American History & Government	6	HIST 1103; POLS 1113	MC 2003	SC 2183
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053	2023	3353
Humanities (H)	6	Courses designated (H)	4143	3383
Natural Sciences (N)	8	Courses designated (N)	4163	3753
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143		3953
Diversity (D)	--	Course designated (D) (see note 1.b.)		4013
International Dimension (I)	--	Course designated (I) (see note 1.b.)		4843 or 4980 (3)
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)		SC 3603 or 4493
Controlled Electives	3	SPCH 2713	12 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division)	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			6 hrs upper-division MKTG	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	3 hrs upper-division Traditional Liberal Arts or Business or Gen Ed	
Arts & Humanities	9	_____ (see note 2.a.)	A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. A passing score on the English Language Proficiency Exam is required for upper-division major requirements.	
Natural & Mathematical Sciences	3	_____ (see note 2.b.)	A minimum of 72 hours must be taken outside of JB/MC/MMJ/SC/SPM. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.	
Foreign Languages	10	_____ (see note 3.)	Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.	
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)	<b>ELECTIVES: 4 HOURS</b>	
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><b>Upper-Division Gen Ed:</b> 6 hours outside major department (JB, MC, MMJ, SC, SPM).</p> <p><b>Upper-Division Credit:</b> Total hours must include at least 40 hours in courses numbered 3000 or above.</p> <p><b>Hours in One Department:</b> The School of Media and Strategic Communications requires that hours in JB, MC, MMJ, SC, SPM in excess of 53 will be added to the minimum total of 125 required for graduation.</p>				
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>				

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**COLLEGE OF ARTS & SCIENCES**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of ARTS**

**MAJOR: Theatre**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.		
American History & Government	6	HIST 1103; POLS 1113	TH 1323 1663 1673 2563		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	Choose 2 courses from: TH 3923, 3933, 3943		
Humanities (H)	6	Courses designated (H)	6 hours total from: TH 1500 (at least 2 hours), 2500, 3500		
Natural Sciences (N)	8	Courses designated (N)	Choose 21 hours from among the following: (At least two categories must be represented)		
Social & Behavioral Sciences (S)	6	Courses designated (S)	Theatre Performance: TH 2213, 2633, 2323, 3373, 3400, 3412, 3422, 3433, 3432, 3530, 4383, 4393, 4753, 4853, 4953		
Diversity (D)	--	Course designated (D) (see note 1.b.)	Theatre Design/Technology: TH 2553, 3400, 3533, 3630, 3971, 4183, 4223, 4593, 4653, 4673, 4683, 4973, 4983		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	History/Literature/Criticism/Dramaturgy: TH 3213, 3633, 5233*, 5600*, third class from the history classes from core above (3923, 3933, 3943) *requires consent of instructor		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	Choose one course from: TH 4403, 4563, 4853**, 4953** (**if not used in Theatre-Performance category)		
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>			<b>ELECTIVES: 9 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	7 hours may need to be upper-division.		
Arts & Humanities	9	ENGL 4723; 3 additional hours ENGL (upper-division dramatic literature); and 3 additional upper-division hours (see note 2.a.)			
Natural & Mathematical Sciences	3	_____ (see note 2.b.)			
Foreign Languages	10	_____ (see note 3.)			
Non-Western Studies	--	_____ (see notes 1.b. & 2.c.)			
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least <b>40 hours</b> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>					
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of FINE ARTS**

**MAJOR: Art      OPTION: Graphic Design**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 63 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA in all ART courses <u>2.75</u> with a minimum grade of "C" in all ART courses.	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<u>Core Curriculum</u>	
American History & Government	6	HIST 1103; POLS 1113	ART 1103	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	1113	
Humanities (H)	6	Courses designated (H)	1303	
Natural Sciences (N)	8	Courses designated (N)	2603	
Social & Behavioral Sciences (S)	6	Courses designated (S)	2613	
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>Lower-division Professional Sequence</u>	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	2.75 GPA required to take courses below:	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	ART 2403	
Controlled Electives	2	Any course with a GE designation in any of the above areas	2413	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			2423	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	6 hours lower- or upper-division Studio Art.	
Arts & Humanities	9	ART 3683; 3 hours upper-division Art History; 3 additional hours (see note 2.a.)	15 hours upper-division Studio Art or career-related areas.	
Non-Western Studies	--	(see notes 1.b. & 2.c.)	<u>Upper-division Professional Sequence</u>	
			Proficiency review required to take courses below:	
			ART 3413	
			3423	
			3443	
			6 hours:	
			4420 (3 hours)	
			4450 (3 hours)	
			ART 4493	
			<b>ELECTIVES: 7 HOURS</b>	
			1 hour may need to be upper-division.	
<u>Other Requirements:</u> See notes 1, 2 & 3 on back of degree sheet				
<u>Foreign Language Proficiency:</u> See note 3 on back of sheet.				
<u>Upper-Division Gen Ed:</u> 6 hours outside major department.				
<u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.				
<u>Additional State/OSU Requirements</u> – 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 2019.				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of FINE ARTS**

**MAJOR: Art      OPTION: Studio**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 66 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all ART courses <u>2.75</u> with a minimum grade of "C" in all ART courses.		
American History & Government	6	HIST 1103; POLS 1113	<u>Core Curriculum</u> ART 1103, 1113, 1203, 1303, 2002, 2113, 2603, 2613		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	<u>Lower-division Professional Sequence</u> 2-D studio media: 6 hours/choose 2 - ART 2223, 2233, 2273, 2283 3-D studio media: 6 hours/choose 2 - ART 2243, 2253, 2263		
Humanities (H)	6	Courses designated (H)	<u>Upper-division Professional Sequence</u> Proficiency review required to take courses below:		
Natural Sciences (N)	8	Courses designated (N)	Studio primary media focus: 12 hours ART 3223, 4220 (9 hours) or 3233, 4230 (9 hours) or 3243, 4240 (9 hours) or 3253, 4250 (9 hours) or 3263, 4260 (9 hours) or 3273, 4270 (9 hours) or 3110 (3-9 hours) and 4100 (3-9 hours)		
Social & Behavioral Sciences (S)	6	Courses designated (S)	Studio secondary media focus: 9 hours ART 3223, 4220 (6 hours) or 3233, 4230 (6 hours) or 3243, 4240 (6 hours) or 3253, 4250 (6 hours) or 3263, 4260 (6 hours) or 3273, 4270 (6 hours) or 3110 (3-9 hours) and 4100 (3-9 hours)		
Diversity (D)	--	Course designated (D) (see note 1.b.)	Studio media electives: 3 hours ART upper-division studio media (3 hours)		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	Studio Capstone/Upper-division Art History: 7 hours ART 4211 ART 4213 ART 4613		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			<b>ELECTIVES: 4 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	All electives may need to be upper-division.		
Arts & Humanities	9	ART 3683; 3 hours upper-division Art History; 3 additional hours (see note 2.a.)			
Non-Western Studies	--	(see notes 1.b. & 2.c.)			
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Foreign Language Proficiency:</u> See note 3 on back of sheet.  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p>					
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>					

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of MUSIC**

**MAJOR: Music      OPTION: Elective Studies in Business**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 122**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 81 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum <u>2.50</u> GPA in all Music and Business courses with a minimum grade of "C" in each Music and Business course.		
American History & Government	6	HIST 1103; POLS 1113	MUSI 1531, 1533, 1541, 1543, 1623, 2551, 2553, 2561, 2563		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013	<u>4 hours</u> lower-division Applied Major Music Lessons <u>2 hours</u> Applied Minor Music Lessons <u>4 hours</u> lower-division large ensemble from MUSI 2610, 2620 or 2630 <u>6 hours</u> ACCT 2103, ECON 2203		
Humanities (H)	6	MUSI 3753 and 3 hours designated (H)	MUSI 3582, 3592, 3763, 3783, 3873		
Natural Sciences (N)	8	Courses designated (N)	4 hours from MUSI 3712, 4912, 4972		
Social & Behavioral Sciences (S)	6	ECON 2103 and 3 hours designated (S)	<u>4 hours</u> from upper-division Applied Major Music Lessons (to include at least 1 hour at the 4000 level)  <u>Instrumental and Voice Majors:</u> <u>4 hours</u> upper-division large ensemble from MUSI 3610, 3620 or 3630		
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>Keyboard Majors:</u> <u>2 hours</u> upper-division large or chamber ensemble from MUSI 3610, 3620, 3630 or 4600 <u>2 hours</u> collaborative piano, MUSI 4600		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	LSB 3213 MGMT 3013, 3313 MKTG 3213 MSIS 2103 MUSI 4100 Internship (6 hours)		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recital Attendance.		
Controlled Electives	2	Any course with a GE designation in any of the above areas			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 1 HOURS</b>			<b>ELECTIVES: 0 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)			

Other Requirements: See notes 1, 2 & 3 on back of degree sheet  
Foreign Language Proficiency: See note 3 on back of sheet.  
Upper-Division Gen Ed: 6 hours outside major department.  
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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of MUSIC**

**MAJOR: Music      OPTION: Performance**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: Vocal-135    Keyboard/Instrumental-130**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS:</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>VOCAL: 94 HOURS</b>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	<b>KEYBOARD/INSTRUMENTAL: 89 HOURS</b>
American History & Government	6	HIST 1103; POLS 1113	Minimum <u>2.50</u> GPA in all Music courses with a minimum grade of "C" in each course.
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013	MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563
Humanities (H)	6	MUSI 3753 and 3 hours designated (H)	<u>12 hours</u> lower-division Applied Major Music Lessons
Natural Sciences (N)	8	Courses designated (N)	<u>2 hours</u> Applied Minor Music Lessons
Social & Behavioral Sciences (S)	6	Courses designated (S)†	<u>4 hours</u> lower-division large ensemble from MUSI 2610, 2620 or 2630
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>10-15 hours</u> Foreign Language (15 hours from no more than 2 foreign languages required for vocal students)
International Dimension (I)	--	Course designated (I) (see note 1.b.)	MUSI 3582, 3712, 3763, 3783, 3873, 4972
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	<u>16 hours</u> from upper-division Applied Major Music Lessons (14 hours Applied Lessons and MUSI 3901 and 4901; must include at least 3 hours at the 4000 level)
Controlled Electives	2	Any course with a GE designation in any of the above areas	<u>14 upper-division hours</u> from one group below:
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 1 HOUR</b>			<u>Keyboard</u>
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	MUSI 4840 4 hours
			MUSI 4890 4 hours
			MUSI 4600 4 hours (2 hours collaborative piano; 2 hours chamber ensemble)
			MUSI 3722, 3772, 4912 or 2 hours of any non-major applied lessons
			<u>Instrumental</u>
			MUSI 4840 2 hours
			MUSI 4890 2 hours
			Ensemble 8 hours including at least 2 hours of Chamber Music
			MUSI 3722, 3772, 4912 or 2 hours of any non-major applied lessons
			<u>Vocal</u>
			MUSI 4890 2 hours
			Diction/Literature MUSI 3642, 3652, 3662
			Ensemble 6 hours including at least one hour of Chamber Music
			All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 Recital Attendance, and must enroll in piano until they have successfully completed the piano proficiency examination.
			<b>ELECTIVES: 0 HOURS</b>
<u>Other Requirements:</u> See notes 1, 2 & 3 on back of degree sheet			
<u>Foreign Language Proficiency:</u> See note 3 on back of sheet.			
<u>Upper-Division Gen Ed:</u> 6 hours outside major department.			
<u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.			
<u>Additional State/OSU Requirements</u> – 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 2019.			

†Updated 6/11/2013 to correct errors in the original printed UP&R book.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of MUSIC**

**MAJOR: Music Education      OPTION: Instrumental/Vocal Certification**

**Minimum Overall Grade Point Average: 2.50      Total Hours: 130**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS 88 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<p>Minimum <u>2.50</u> GPA in all Music and Professional Education courses with a minimum grade of "C" in each course.</p> <p><u>Lower Division: 28 hours</u>  MUSI 1531, 1533, 1541, 1543, 2551, 2553, 2561, 2563  8 hours lower-division Applied Major Music Lessons  4 hours lower-division Major Music Organization</p> <p><u>Upper-Division: 24 hours</u>  MUSI 3582, 3712, 3722, 3763, 3783, 3873, 4901, 4972  6 hours from upper-division Applied Major Music Lessons  (to include at least 2 hours at 4000 level)</p> <p><u>Professional Education: 19 hours</u>  EPSY 3413, SPED 3202  MUSI 2722, 2832, 3640 (1 hour), 3743, 4940 (6 hours)</p> <p><u>Certification: Choose Instrumental or Vocal</u></p> <p><u>Instrumental: 17 hours</u>  MUSI 1011, 1021, 2010 (1 hour)  7 hours Instrumental Techniques Classes  MUSI 3852, 4912  3 hours upper-division large ensemble from MUSI 3610, 3620 or 3630</p> <p><u>Vocal/Keyboard: 17 hours</u>  3 hours lower-division Minor Music Lesson Field  MUSI 1631, 2842, 3732, 4842, 4912</p> <p><u>Keyboard: MUSI 3130 (2 hours)</u>  MUSI 4600 3 hours (2 hours collaborative piano; 1 hour chamber ensemble)</p> <p><u>Vocal: MUSI 3022</u>  3 hours upper-division large ensemble from MUSI 3610, 3620 or 3630</p> <p>All Music Majors must successfully complete an entrance audition, upper-division theory examination, keyboard proficiency examination, and six semesters of MUSI 0500 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 2610/3610 (Marching Band) each fall semester, except while student teaching.</p>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	
Humanities (H)	6	MUSI 3753 and 3 upper-division hours designated (H)	
Natural Sciences (N)	8	Courses designated (N)	
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 upper-division hours designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	SPCH 2713	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 1 HOUR</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Biochemistry**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS 42 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA <u>2.00</u> . Minimum GPA in BIOC courses <u>2.00</u> .
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3713, 3723, 3813, 4224 (or CHEM 3433), 4883, 4990 (2 hours) BIOL 3023 (or ANSI 3423 or PLNT 3554)
American History & Government	6	HIST 1103; POLS 1113	CHEM 2113, 3053, 3112, 3153
Analytical & Quantitative Thought (A)	7	MATH 2144; MATH 2153 or STAT 2013 or STAT 4013	At least one course from: BOT 3463, ENTO 3044, ZOO 3204, ZOO 4215
Humanities (H)	6	Courses designated (H)	<u>Hours from the following or related courses to total 42 hours:</u> ANSI 3543
Natural Sciences (N)	8	CHEM 1314; PHYS 1114 or 2014	BIOC *1990 (1-2 hours), 2101, 2200 (1-6-hours), 4113, 4523, *4990 (1-8 hours), 5753, 5853
Social & Behavioral Sciences (S)	6	Courses designated (S)	BIOL 3034 BOT 3462 CHEM 2122, 3353, 3532, 3553, 4020 (1-5 hours), 4320 (1-3 hours)
Diversity (D)	--	Course designated (D) (see note 1.b.)	ENTO 4854 MATH 2163, 2233, 3013
International Dimension (I)	--	Course designated (I) (see note 1.b.)	MICR 3143, 3154, 3223, 3253, 4012, 4112, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323, 4353, 4423
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	NSCI 4323 PHYS 4313
Controlled Electives	3	SPCH 2713	STAT 4013 (if not used in General Education) ZOO 2104, 3114, 4133, 4134, 4223, 4273, 4283, 4293, 4303, 4503
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 26 HOURS</b>			With approval from the adviser 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, 3723, 3813.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	*total from BIOC 1990 & 4990 may not exceed 10 hours.
Arts and Humanities	3	(see note 2.a.)	<b>ELECTIVES: 10 HOURS</b>
Natural & Mathematical Sciences	22	BIOL 1114, CHEM 1515, MICR 2123, 2132, PHYS 1214 or 2114, ZOO 1604 (or BOT 1404)	9 hours may need to be upper-division.
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet  <b>Foreign Language Proficiency:</b> See note 3 on back of sheet.  <b>Upper-Division Gen Ed:</b> 6 hours outside major department.  <b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p>			
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>			

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Biological Science**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 56 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> in Major Requirements OR minimum grade of "C" in each course.		
American History & Government	6	HIST 1103; POLS 1113	BIOL 1114, 3023, 3034 BOT 1404 BOT 3463 or ZOOL 3204 CHEM 3015; or 3053, 3112, 3153 MICR 2123, 2132, 3033 STAT 4013 ZOOL 1604, 4133		
Analytical & Quantitative Thought (A)	6	MATH 1513 and 1613; or 1715	Choose one of the following laboratory-based Botany courses: BOT 3005                      BOT 3233 BOT 3013                      BOT 3462 & 3463 BOT 3024                      BOT 3553 BOT 3114                      BOT 4214		
Humanities (H)	6	Courses designated (H)	Choose 6 hours of upper-division coursework from*: BIOL, BOT, MICR, ZOOL.		
Natural Sciences (N)	8	PHYS 1114* and 1214*; or PHYS 2014* and 2114*	You may need additional hours to reach the required 56 hours. Choose remaining 1-6 upper-division related hours (as approved by the departmental advisor) from the following. No more than 3 hours of courses with a general education designation may be used*:		
Social & Behavioral Sciences (S)	6	Courses designated (S)	ANSI 3543                      GEOG                      PLP BIOC                              GEOL                      PSYC 3073 (N) BIOL                              HORT                      SOIL BOT                                MATH                      STAT CHEM                            MICR (except 3103)    ZOOL ENGL 3323                      NREM ENTO                              PLNT		
Diversity (D)	--	Course designated (D) (see note 1.b.)			
International Dimension (I)	--	Course designated (I) (see note 1.b.)			
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)			
Controlled Electives	3	Any course with a GE designation in any of the above areas			
*College and Departmental Requirements that may be used to meet GE Requirements.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these areas, 14 hours of electives, BIOL 3034, and STAT 4013.		
Arts and Humanities	3	_____ (see note 2.a.)			
Natural & Mathematical Sciences	9	CHEM 1314, 1515	<b>ELECTIVES: 14 HOURS</b> 9 hours may need to be upper-division.		

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (BIOL, BOT, MICR, ZOOL).

Upper-Division Credit: The Biological Science degree requires at least 48 hours in courses numbered 3000 or above.

Hours in One Department: Hours in one department (BIOL, BOT, MICR, ZOOL) in excess of 54 will be added to the minimum total of 124 required for graduation.

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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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Botany**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 52 HOURS</b>																	
Area	Hours	To be selected from:																		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.00</u> in Major Requirements with a minimum grade of "C" in upper-division courses.  BIOL 3023, 3034 BOT 1404, 3233, 3463, 4400 (1 hour) BOT 3005 or 3114 or 4214 9 hours upper-division BOT CHEM 3015; or 3053, 3112, 3153 MICR 2123 or ZOO 1604 STAT 4013 ZOO 4133  You may need 2-7 additional hours to complete the required 52 hours. Select courses (as approved by the departmental advisor) from the following. No more than 3 hours of courses with a general education designation may be used:  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">BIOC</td> <td>MATH</td> </tr> <tr> <td>BIOL</td> <td>MICR</td> </tr> <tr> <td>BOT</td> <td>NREM</td> </tr> <tr> <td>CHEM</td> <td>PLNT</td> </tr> <tr> <td>CS</td> <td>SOIL</td> </tr> <tr> <td>ENTO</td> <td>STAT</td> </tr> <tr> <td>GEOG</td> <td>ZOO</td> </tr> <tr> <td>GEOL</td> <td></td> </tr> </table>		BIOC	MATH	BIOL	MICR	BOT	NREM	CHEM	PLNT	CS	SOIL	ENTO	STAT	GEOG	ZOO	GEOL	
BIOC	MATH																			
BIOL	MICR																			
BOT	NREM																			
CHEM	PLNT																			
CS	SOIL																			
ENTO	STAT																			
GEOG	ZOO																			
GEOL																				
American History & Government	6	HIST 1103; POLS 1113																		
Analytical & Quantitative Thought (A)	6	MATH 1513 and 1613; or 1715																		
Humanities (H)	6	Courses designated (H)																		
Natural Sciences (N)	8	BIOL 1114; PHYS 1114*																		
Social & Behavioral Sciences (S)	6	Courses designated (S)																		
Diversity (D)	--	Course designated (D) (see note 1.b.)																		
International Dimension (I)	--	Course designated (I) (see note 1.b.)																		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)																		
Controlled Electives	3	Any course with a GE designation in any of the above areas																		
*College and Departmental Requirements that may be used to meet GE Requirements.																				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			<b>ELECTIVES: 14 HOURS</b>																	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)																		
Arts and Humanities	3	Any upper-division course from ART, MUSI, TH or courses designated (H)																		
Natural & Mathematical Sciences	9	CHEM 1314, 1515																		

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (BIOL, BOT).

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

Hours in One Department: Hours in one department (BIOL, BOT) in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Chemistry (Approved by the American Chemical Society)**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 53 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> . Minimum grade of "C" in each course in Chemistry numbered 2000 or above.
American History & Government	6	HIST 1103; POLS 1113	CHEM 2113
Analytical & Quantitative Thought (A)	7	MATH 2144, 2153	2122
Humanities (H)	6	Courses designated (H)	3053
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	3112
Social & Behavioral Sciences (S)	6	Courses designated (S)	3153
Diversity (D)	--	Course designated (D) (see note 1.b.)	3353
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3433
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	3532
Controlled Electives	3	Any course with a GE designation in any of the above areas	3553
*College and Departmental Requirements that may be used to meet GE Requirements.			4020 (5 hours)
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4320 (3 hours)
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4990 (2 hours)
Arts and Humanities	3	_____ (see note 2.a.)	5260 (3 hours)
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2014 or 2314	BIOC 3653
			MATH 2163, 2233, 3013
			PHYS 2114 or 2414
			<b>ELECTIVES: 12 HOURS</b>
			2 hours may need to be upper-division.
			Suggested courses: BIOL 3023, BOT 1404 or ZOOL 1604, CS 1113, ENSC 2213, MICR 2123, 2132
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet			
<b>Foreign Language Proficiency:</b> See note 3 on back of sheet.			
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.			
<b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.			
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.			
<b>Additional State/OSU Requirements</b> – 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 2019.			

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Chemistry      OPTION: Departmental Degree**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 43 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.00</u> .
American History & Government	6	HIST 1103; POLS 1113	CHEM 2113
Analytical & Quantitative Thought (A)	7	MATH 2144, 2153	2122
Humanities (H)	6	Courses designated (H)	3053
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	3112
Social & Behavioral Sciences (S)	6	Courses designated (S)	3153
Diversity (D)	--	Course designated (D) (see note 1.b.)	3353
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3433
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	3553
Controlled Electives	3	Any course with a GE designation in any of the above areas	4020 (5 hours) or 5260 (3 hours)
*College and Departmental Requirements that may be used to meet GE Requirements.			4320 (3 hours)
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4990 (2 hours)
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	BIOC 3653
Arts and Humanities	3	(see note 2.a.)	MATH 2163
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2014 or 2314	2233 or 3 upper-division hours from MATH or PHYS
			PHYS 2114 or 2414
			With approval from adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for up to 22 hours of electives. Up to 9 hours may be substituted for BIOC 3653, MATH 2233, CHEM 3553, 4320, 4990.
			<b>ELECTIVES: 22 HOURS</b>
			12 hours may need to be upper-division.
			Suggested courses: BIOL 3023, BOT 1404 or ZOOL 1604, CS 1113, ENSC 2213, MICR 2123, 2132.
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet			
<b>Foreign Language Proficiency:</b> See note 3 on back of sheet.			
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.			
<b>Upper-Division Credit:</b> Total hours must include at least 40 hours in courses numbered 3000 or above.			
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.			
<b>Additional State/OSU Requirements –</b> 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 2019.			

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Communication Sciences and Disorders**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA <u>2.75</u> with a minimum grade of "C" in CDIS courses.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	CDIS 3123, 3213, 3223, 3313, 3413, 4013, 4023, 4113, 4133, 4213, 4313, 4423, 4433 EPSY 3413
American History & Government	6	HIST 1103; POLS 1113	<u>3 hours</u> from the following related courses: ENGL 4013, 4033, 4063; HDFS 2123, 2233, 3123, 3203, 4413, 4543, 4823; PSYC 2583, 3443, 3713, 3823, 4343, 4483, 4813; SOC 3993
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1483; and STAT 2013 or 2053 or 4053	<u>3 hours</u> from the following multicultural courses: ANTH 3353; CPSY 4443; ENGL 4093; HDFS 4793; PSYC 4133; SOC 3523; SPCH 4753
Humanities (H)	6	Courses designated (H)	Enrollment in all CDIS courses other than 3213, 3313, 4213, and 4313 requires admission to the professional program or consent of instructor. See adviser for details.
Natural Sciences (N)	8	BIOL 1114 and 4 hours CHEM or PHYS	
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	SPCH 2713	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			<b>ELECTIVES: 18 HOURS</b>
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	Students who desire to meet Teacher Education requirements should elect the following courses: PHIL 3713 or SCFD 3223 or 4123 or 4913; SPED 3202
Arts and Humanities	3	ENGL/FLL 2443; ENGL 4013, 4033, 4063, 4080 or 4093; PHIL 3413, 3833 or 4713	Also recommended: ASL 1115 or CDIS 2033, CDIS 4980
Natural & Mathematical Sciences	9	PSYC 3073; ZOOL 3123 or 3204; or other natural or mathematical sciences courses (see note 2.b.)	
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Foreign Language Proficiency:</u> See note 3 on back of sheet.  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>			
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>			

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Computer Science**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 38 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course and all MATH and CS courses required for the degree.  CS 2433 CS 3363, 3443, 3513, 3613, 3653 CS 4323, 4343, 4883 ENGL 3323 or BCOM 3113 or BCOM 3223 or SPCH 3723 MATH 2163, 3013  <u>9 hours</u> from upper-division CS electives (CS 4113 may not be used for this requirement)  <u>9 hours</u> from upper-division courses in the following areas: Business (MSIS only, unless approved by departmental advisor) Computer Science (CS 4113 may not be used for this requirement) Engineering Geography (GEOG 3333, 4323, 4333, 4343, 4353) Mathematics Natural Sciences Statistics
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	7	CS 1113; MATH 2144	
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N)	4	Course designated (N,L) †	
Social & Behavioral Sciences (S)	6	Courses designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	SPCH 2713	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 21 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	_____ (see note 2.a.)	
Natural & Mathematical Sciences	17	CS 2133, MATH 2153, STAT 4033 and 8 hours laboratory science (courses must be a sequence, e.g. CHEM 1314, 1515; PHYS 1114, 1214)	
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Foreign Language Proficiency:</u> See note 3 on back of sheet.  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>			
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>			

†Updated 4/22/2013 to correct errors in the original printed UP&R book.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Economics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>
Area	Hours	To be selected from:	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.00</u> . Minimum GPA in ECON courses <u>2.00</u> .  <u>Core Courses:</u> ECON 2103, 2203, 3113, 3123  <u>General:</u> <u>33</u> hours 15 hours upper-division ECON 18 hours upper-division electives of which 3 must be outside of ECON*  <u>Graduate Preparation:</u> <u>33</u> hours ECON 4213 and 12 additional hours upper-division ECON MATH 3013 STAT 3013 12 hours upper-division electives of which 3 must be outside of ECON.  <u>Pre-Law Preparation:</u> <u>33</u> hours ECON 15 hours upper-division PHIL 1313 POLS 3983 POLS 2023 or 4963 or 4973 9 hours upper-division electives of which 3 must be outside of ECON
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1715; and STAT 2013 or 2023	
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N)	8	Course designated (N,L)	
Social & Behavioral Sciences (S)	6	Courses designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	2	Any course with a GE designation in any of the above areas	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			<b><i>ELECTIVES: 22* HOURS</i></b>  <u>General:</u> STAT 3013 is recommended. 1 hour may need to be upper-division. <u>Graduate Preparation:</u> MATH 2144, 2153 and 2163 are required. 1 hour may need to be upper-division. <u>Pre-Law Preparation:</u> 7 hours may need to be upper-division.  *Pre-health students, with approval from the adviser and department head, may substitute maximum of 30 hours of science courses from an accredited doctoral health program among these 40 hours.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	(see note 2.a.)	
Natural & Mathematical Sciences	9	MATH 2103 and 6 additional hours (see note 2.b.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Geography**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> .
American History & Government	6	HIST 1103; POLS 1113	GEOG 1113 or 2253 2343 or 4203 3333 4313 4323 4333 or 4343 or 4353
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2023 or 2053	21 hours GEOG (18 hours must be upper-division)*
Humanities (H)	6	Courses designated (H)	6 hours upper-division (non-GEOG) departmental approved related courses*
Natural Sciences (N)	8	Course designated (N)	
Social & Behavioral Sciences (S)	6	Courses designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	Any course with a GE designation in any of the above areas	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	<b>ELECTIVES: 21 HOURS</b>
Arts and Humanities	3	_____ (see note 2.a.)	4 hours may need to be upper-division.
Natural & Mathematical Sciences	9	GEOG 1114 and 5 additional hours (see note 2.b.)	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Geology**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum grade of "C" in all Geology courses.  <u>Core Curriculum:</u> GEOL 1114 1224 2254 2364 3014 3034 3546  Choose one of the following: Environmental Emphasis GEOL 3073, 3503, 4403, 4453  Petroleum Emphasis GEOL 3103, 4023, 4103, 4213  Earth Systems Emphasis GEOL 3073, 4213, 4403, 4513  Geophysics Emphasis GEOL 4023, 4103, 4203, 4303  6 hours of upper-division GEOL electives related to emphasis area, except 3043  Teacher certification courses may be substituted with approval of the School of Geology adviser.	
American History & Government	6	HIST 1103; POLS 1113		
Analytical & Quantitative Thought (A)	7	MATH 2144, 2153		
Humanities (H)	6	Courses designated (H)		
Natural Sciences (N)	8	PHYS 2314, 2414; or PHYS 2014, 2114		
Social & Behavioral Sciences (S)	6	Courses designated (S)		
Diversity (D)	--	Course designated (D) (see note 1.b.)		
International Dimension (I)	--	Course designated (I) (see note 1.b.)		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)		
Controlled Electives	4	BIOL 1114		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>				<b>ELECTIVES: 16 HOURS</b>  8 hours may need to be upper-division.  GEOG 4333, 4343, GEOL 4993 and STAT 4013 recommended; and MATH 2163, 2233 and 3013 highly recommended for Geophysics Emphasis.
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)		
Arts and Humanities	3	_____ (see note 2.a.)		
Natural & Mathematical Sciences	9	CHEM 1314, 1515		

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Liberal Studies**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA 2.50 with a minimum grade of "C" in each course.  A&S 4013 (Senior Project) or AMST 4973 (Senior Seminar in American Studies)  Additional upper-division courses from the following with 15 hours from each of two disciplines and 12 hours* from among remaining disciplines.  AMST ANTH ART (history) ECON ENGL FLL (and specific language) GEOG GWST HIST MATH MUSI PHIL POLS PSYC REL SOC SPCH TH
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A); or MATH 1715	
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N)	8	Courses designated (N)	
Social & Behavioral Sciences (S)	6	Courses designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	2	Any course with a GE designation in any of the above areas	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	_____ (see note 2.a.)	
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	
			<b>ELECTIVES: 22 HOURS</b>

\* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for 9 of these 12 hours and 21 hours of electives.

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Mathematics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 42 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	A minimum grade of "C" in each course.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	MATH 2153, 2163, 2233, 3013, 3613
American History & Government	6	HIST 1103; POLS 1113	Choose one of the following:
Analytical & Quantitative Thought (A)	7	MATH 2144; and CS 1113	<u>General:</u> MATH 4023 12 hours from: MATH 4013, 4063, 4143, 4153, 4233, 4263, 4283, 4343, 4403, 4453, 4513, 4553, 4583, 4613, 4623, 4663, 4713, 4813, 5213 6 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS or PHYS 6 hours from: upper-division courses in any field.
Humanities (H)	6	Courses designated (H)	<u>Teacher Certification:</u> MATH 4033, 4403, 4583, 4663, 4713 3 hours from: MATH 4013, 4023, 4233, 4453 CIED 4003, 4053 STAT 4013 or 4023
Natural Sciences (N)	8	PHYS 1114 or 2014 or 2314; and PHYS 1214 or 2114 or 2414	<u>Applied Mathematics:</u> MATH 4583 12 hours from: MATH 4013, 4023, 4063, 4233, 4263, 4283, 4453, 4513, 4553, 4663, 4713, 4813 12 hours from: MATH or STAT courses numbered 4000 or above or from upper-division courses in CS, PHYS, or Engineering. At least 6 of these hours must be courses other than MATH.
Social & Behavioral Sciences (S)	6	Courses designated (S)	<u>Pre-actuarial/Financial Mathematics:</u> MATH 4453 9 hours from: MATH 4013, 4023, 4063, 4233, 4263, 4513, 4553, 4583, 4663, 5473; STAT 4203 3 hours from: ECON 3113, 4213, 4223 6 hours from: FIN 3113, 4223, 4333, 4763 3 hours from: MSIS 3393, or upper-division FIN or ECON, or courses in MATH or STAT numbered 4000 or above.
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	1	Any course with a GE designation in any of the above areas	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	_____ (see note 2.a.)	
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	
			<b>ELECTIVES: 25 HOURS</b> 7 hours may need to be upper-division.

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Microbiology/Cell & Molecular Biology      OPTION: Biomedical Science**

**Minimum Overall Grade Point Average: 3.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 65 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in Major Requirements <u>3.0</u> with a minimum grade of "C" in each	
American History & Government	6	HIST 1103; POLS 1113	BIOC 3653	
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	BIOL 1114 3023	
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	BOT 1404 or ZOO 1604	
Natural Sciences (N)	8	PHYS 1114* and 1214*	CHEM 3053 3112 3153	
Social & Behavioral Sciences (S)	6	Courses designated (S)	MICR 2123 2132 3033	
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>Professional School:</u> Maximum of 30 hours of science courses from an accredited doctoral health program	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	Upper-division courses to complete the required 65 hours from:	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	BIOC BIOL BOT CHEM CS MATH MICR (3103 excluded) STAT ZOO (3123 excluded)	
Controlled Electives	3	Any course with a GE designation in any of the above areas	Suggested: ZOO 4215	
*College and Departmental Requirements that may be used to meet GE Requirements.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			<b>ELECTIVES: 0 HOURS</b>	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)		
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)		
Natural & Mathematical Sciences	9	CHEM 1314, 1515		
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><u>Foreign Language Proficiency:</u> See note 3 on back of sheet.</p> <p><u>Upper-Division Gen Ed:</u> 6 hours outside major department.</p> <p><u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.</p> <p><u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>				
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Microbiology/Cell & Molecular Biology      OPTION: Clinical Laboratory Science**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 65 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum grade of "C" in each upper-division course and MICR 2123 and 2132.  BIOC 3653 BIOL 1114 3023 BOT 1404 or ZOO 1604 CHEM 3053 3112 3153 MICR 2123 2132 3253 4001 ZOO 3204  Internship: <u>30</u> hours Fall: MICR 4117, 4125 Spring: MICR 4236, 4246 Summer: MICR 4325, 4351
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	
Natural Sciences (N)	8	PHYS 1114* and 1214*	
Social & Behavioral Sciences (S)	6	Courses designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	Any course with a GE designation in any of the above areas	
*College and Departmental Requirements that may be used to meet GE Requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Foreign Language Proficiency:</u> See note 3 on back of sheet.  <u>Upper-Division Gen Ed:</u> 6 hours outside major department.  <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>			
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>			

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Microbiology/Cell & Molecular Biology**

**OPTION: Microbial Ecology/Environmental**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	A minimum grade of "C" in each upper-division course and MICR 2123 and 2132.	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3653	
American History & Government	6	HIST 1103; POLS 1113	BIOL 1114	
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	3023	
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	BOT 1404 or ZOO 1604	
Natural Sciences (N)	8	PHYS 1114* and 1214*	CHEM 3053	
Social & Behavioral Sciences (S)	6	Courses designated (S)	3112	
Diversity (D)	--	Course designated (D) (see note 1.b.)	3153	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	MICR 2123	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	2132	
Controlled Electives	3	Any course with a GE designation in any of the above areas	3033	
*College and Departmental Requirements that may be used to meet GE Requirements.			3223	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4001	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4012	
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)	4112	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	4214	
			4233	
			And (4133 or 4253 or 4263)	
			Choose 6 upper-division hours from:	
			MICR 3143	
			3253	
			4123	
			4134	
			4203	
			4323	
			4353	
			4423	
			4990 (1-4 hours)	
			<b>ELECTIVES: 11 HOURS</b>	
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet				
<b>Foreign Language Proficiency:</b> See note 3 on back of sheet.				
<b>Upper-Division Gen Ed:</b> 6 hours outside major department.				
<b>Upper-Division Credit:</b> Total hours must include at least 40 hours in courses numbered 3000 or above.				
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.				
<b>Additional State/OSU Requirements –</b> 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 2019.				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Microbiology/Cell & Molecular Biology**

**OPTION: Microbial Pathogenesis**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum grade of "C" in each upper-division course and MICR 2123 and 2132.	
American History & Government	6	HIST 1103; POLS 1113	BIOC 3653	
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	BIOL 1114	
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	3023	
Natural Sciences (N)	8	PHYS 1114* and 1214*	BOT 1404 or ZOOL 1604	
Social & Behavioral Sciences (S)	6	Courses designated (S)	CHEM 3053	
Diversity (D)	--	Course designated (D) (see note 1.b.)	3112	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3153	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	MICR 2123	
Controlled Electives	3	Any course with a GE designation in any of the above areas	2132	
*College and Departmental Requirements that may be used to meet GE Requirements.			3033	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			3223	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	3253	
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)	4001	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	4012	
			4112	
			4134	
			4233	
			And (4133 or 4253 or 4263)	
			Choose 3 upper-division hours from:	
			MICR 3143	
			4123	
			4203	
			4214	
			4323	
			4353	
			4423	
			4990 (1-4 hours)	
			<b>ELECTIVES: 11 HOURS</b>	
<p><b>Other Requirements:</b> See notes 1, 2 &amp; 3 on back of degree sheet</p> <p><b>Foreign Language Proficiency:</b> See note 3 on back of sheet.</p> <p><b>Upper-Division Gen Ed:</b> 6 hours outside major department (BIOL, MICR).</p> <p><b>Upper-Division Credit:</b> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above.</p> <p><b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.</p>				
<p><b>Additional State/OSU Requirements</b> – 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 2019.</p>				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Microbiology/Cell & Molecular Biology      OPTION: Molecular Genetics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 54 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	A minimum grade of "C" in each upper-division course and MICR 2123 and 2132.	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3653	
American History & Government	6	HIST 1103; POLS 1113	BIOL 1114	
Analytical & Quantitative Thought (A)	7	MATH 2144*; STAT 4013*	3023	
Humanities (H)	6	PHIL 3833* and 3 hours designated (H)	BOT 1404 or ZOOL 1604	
Natural Sciences (N)	8	PHYS 1114* and 1214*	CHEM 3053	
Social & Behavioral Sciences (S)	6	Courses designated (S)	3112	
Diversity (D)	--	Course designated (D) (see note 1.b.)	3153	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	MICR 2123	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	2132	
Controlled Electives	3	Any course with a GE designation in any of the above areas	3033	
*College and Departmental Requirements that may be used to meet GE Requirements.			3223	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4001	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4012	
Arts and Humanities	3	Any course from ART, MUSI, TH, or courses designated (H)	4112	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	4203	
			4233	
			And (4133 or 4253 or 4263)	
			Choose 7 upper-division hours from:	
			MICR 3143	
			3253	
			4123	
			4134	
			4214	
			4323	
			4353	
			4423	
			4990 (1-4 hours)	
			<b>ELECTIVES: 11 HOURS</b>	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (BIOL, MICR).

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Multimedia Journalism**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>					
Area	Hours	To be selected from:						
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.  Core Curriculum: MC 2003, 2023, 4143, 4163 MMJ 3153, 3263, 3553, 4863, 4973  Select one of the options listed below:  1. Multimedia News: a. MMJ 3313, 4313, 4393 b. 12 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division) c. POLS 3613 or POLS 3983 d. Choose 3 hrs from: POLS 3414, 3453, 3613, or 3983 e. 3 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  2. Multimedia Production: a. MMJ 3913, 4953 b. 15 hrs MC, MMJ, SC or SPM (9 hrs must be upper-division) c. 9 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. A passing score on the English Language Proficiency Exam is required for upper-division major requirements.  A minimum of 72 hours must be taken outside of JB/MC/MMJ/SC/SPM. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.  This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.					
American History & Government	6	HIST 1103; POLS 1113						
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053						
Humanities (H)	6	Courses designated (H)						
Natural Sciences (N)	8	Courses designated (N)						
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143						
Diversity (D)	--	Course designated (D) (see note 1.b.)						
International Dimension (I)	--	Course designated (I) (see note 1.b.)						
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)						
Controlled Electives	3	SPCH 2713						
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>						<b>ELECTIVES: 14 HOURS</b>		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)						
Arts and Humanities	3	_____ (see note 2.a.)						
Natural & Mathematical Sciences	9	_____ (see note 2.b.)						
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Foreign Language Proficiency:</u> See note 3 on back of sheet.  <u>Upper-Division Gen Ed:</u> 6 hours outside major department (JB, MC, MMJ, SC, SPM).  <u>Upper-Division Credit:</u> Total hours must include at least 40 hours in courses numbered 3000 or above.  <u>Hours in One Department:</u> The School of Media and Strategic Communications requires that hours in JB, MC, MMJ, SC, SPM in excess of 53 will be added to the minimum total of 125 required for graduation.</p>								
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>								

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Physics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>
Area	Hours	To be selected from:	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum grade of "C" in each course <u>Core Requirements:</u> 42 hours PHYS 2414 or 2114
American History & Government	6	HIST 1103; POLS 1113	3013 3113 3213 3323 3513 3623 3713 4113 4413 4423 4712
Analytical & Quantitative Thought (A)	7	MATH 2144 and 2153	MATH 2163 2233
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	
Social & Behavioral Sciences (S)	6	Courses designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>Additional Requirements:</u> 9 hours
International Dimension (I)	--	Course designated (I) (see note 1.b.)	6 upper-division hours in Physics 3 upper-division hours in related fields.
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	Any course with a GE designation in any of the above areas	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			<b>ELECTIVES: 14 HOURS</b>
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	1 hour may need to be upper-division.
Arts and Humanities	3	_____ (see note 2.a.)	Suggested courses: PHYS 1001; CS 1113, 2433; ASTR 1014, 1024; MATH 3013, 4143, 4153, 4233, 4263, 4283
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2314 or 2014	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Physics      OPTION: Applied Physics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	A minimum grade of "C" in each course	
American History & Government	6	HIST 1103; POLS 1113	<u>Core Requirements:</u> 34 hours	
Analytical & Quantitative Thought (A)	7	MATH 2144 and 2153	PHYS 2414 or 2114	
Humanities (H)	6	Courses designated (H)	3013	
Natural Sciences (N)	8	BIOL 1114; CHEM 1314	3113	
Social & Behavioral Sciences (S)	6	Courses designated (S)	3213	
Diversity (D)	--	Course designated (D) (see note 1.b.)	3323	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3513	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	3623	
Controlled Electives	3	Any course with a GE designation in any of the above areas	3713	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4113	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	MATH 2163	
Arts and Humanities	3	_____ (see note 2.a.)	2233	
Natural & Mathematical Sciences	9	CHEM 1515; PHYS 2314 or 2014	<u>Additional Requirements:</u> 17 hours	
			9 upper-division hours in any one academic department.*	
			8 upper-division hours in related fields.*	
			* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these 17 hours and 13 hours of electives.	
			<b>ELECTIVES: 14 HOURS</b>	
			1 hour may need to be upper-division.	
			Suggested courses: PHYS 1001; CS 1113, 2433; ASTR 1014, 1024; MATH 3013, 4143, 4153, 4233, 4263, 4283	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Physiology**

**Minimum Overall Grade Point Average: 2.50      Total Hours: 127**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 42 HOURS</b>			<b>MAJOR REQUIREMENTS: 60 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA 2.50 in Major Requirements with a minimum grade of "C" in each course	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOC 3653	
American History & Government	6	HIST 1103; POLS 1113	BIOL 1114	
Analytical & Quantitative Thought (A)	7	MATH 2144*; and STAT 2013* or 4013*	3023	
Humanities (H)	6	Courses designated (H)	3034	
Natural Sciences (N)	8	PHYS 1114*, 1214*, or 2014*, 2114*	CHEM 3053	
Social & Behavioral Sciences (S)	6	Courses designated (S)	3112	
Diversity (D)	--	Course designated (D) (see note 1.b.)	3153	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	MICR 2123	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	2132	
Controlled Electives	3	Any course with a GE designation in any of the above areas	3033	
*College and Departmental Requirements that may be used to meet GE Requirements.			ZOOL 1604	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			3114	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	3204	
Arts and Humanities	3	_____ (see note 2.a.)	4133	
Natural & Mathematical Sciences	9	CHEM 1314, 1515	4215	
			4223	
			4231	
			Choose 2 courses from the following: MICR 3253, ZOOL 4104, 4273, 4283, 4293, 4353	
			With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements other than BIOL 3023 and ZOOL 4133.	
			<b>ELECTIVES: 12 HOURS</b>	
			1 hour may need to be upper-division.	
<p><u>Other Requirements:</u> See notes 1, 2 &amp; 3 on back of degree sheet  <u>Foreign Language Proficiency:</u> See note 3 on back of sheet.  <u>Upper-Division Gen Ed:</u> 6 hours outside major department (BIOL, ZOOL).  <u>Upper-Division Credit:</u> Total hours must include at least <u>48 hours</u> in courses numbered 3000 or above.  <u>Hours in One Department:</u> Hours in one department (BIOL, ZOOL) in excess of 54 will be added to the minimum total of 127 required for graduation.</p>				
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>				

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Political Science**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.		
American History & Government	6	HIST 1103; POLS 1113	A minimum of 30 hours POLS (27 hours must be upper-division).		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1493 or 1513; and 3 hours designated (A)	Core Requirements: (12 hours) POLS 2013 or 2113; POLS 3663; POLS 3103 POLS Capstone (3 hours)		
Humanities (H)	6	Courses designated (H)	At least 3 hours from 3 different areas (9 hours) listed below:		
Natural Sciences (N)	8	Courses designated (N)	<u>American Politics</u> : select from 3353, 3414, 3423, 3453, 3483, 3513, 3523, 3533, 3613, 3683, 3953, 3973, 4000, 4623, 4693		
Social & Behavioral Sciences (S)	6	Courses designated (S)	<u>Comparative Politics</u> : select from 3003, 3053, 3123, 3143, 3163, 3193, 3223, 3313, 4020, 4223		
Diversity (D)	--	Course designated (D) (see note 1.b.)	15 hours in one foreign language or equivalent proficiency on the plan		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	<u>International Relations</u> : select from 3033, 3043, 4010, 4013, 4053, 4113 15 hours in one foreign language or equivalent proficiency on the plan		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	<u>Political Theory</u> : select from 3663, 4553, 4573, 4653, 4670		
Controlled Electives	3	SPCH 2713 or 3733	<u>Pre-Law/Public Law</u> : select from 3983, 3993, 4353, 4363, 4963, 4973, 4980		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	<u>Public Policy/Emergency Management</u> : select from Public Policy: 3493, 4403, 4413, 4453, 4593 Emergency Management: 3733, 3763, 3813, 3893		
Arts and Humanities	3	_____ (see note 2.a.)	Upper-division courses to complete the required 45 from:* ECON, ENGL, ENVR, FLL, FPST, GEOG, HIST, MGMT, PHIL, PSYC, REL, SOC		
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for up to 15 hours of upper-division related courses and 15 hours of electives.		

**ELECTIVES: 21 HOURS**

Other Requirements: See notes 1, 2 & 3 on back of degree sheet  
Foreign Language Proficiency: See note 3 on back of sheet.  
Upper-Division Gen Ed: 6 hours outside major department.  
Upper-Division Credit: Total hours must include at least **40 hours** in courses numbered 3000 or above.  
Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Psychology**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 50 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA <u>2.00</u> with a minimum grade of "C" in all PSYC courses. No more than 9 hours of PSYC may be 2000 level. <u>Core Requirements:</u> 8 hours PSYC 3214 PSYC 3914  30 hours to include at least one course from each competency area below. 1) <u>Learning, Cognition, Biological Basis:</u> 3073, 3113, 3173, 3513, 3713, 3823, 4223, 4023, 4343 2) <u>Psychometrics, Personality, Social Processes:</u> 2743, 3013, 3413, 4333, 4153, 4813 3) <u>Developmental and Sociocultural Dimensions:</u> 2313, 2583, 2593, 4123, 4133 4) <u>Clinical, Applied Psychology:</u> 3443, 4143, 4183, 4213, 4483  <u>Other Elective Courses:</u> 3120 (1-12 hours), 3990 (1-6 hours), 4493, 4770, 4880 (1-6 hours), 4990 (1-6 hours)  <u>12 upper-division hours from:*</u> ANSI, BIOC, BIOL, BOT, CHEM, CS, ECON, EDLE, EPSY, HDFs, MATH, MICR, NREM, NSCI, PHYS, PLP, POLS, SOC, SPCH, STAT, ZOOL and/or upper-division General Education (A), (N) OR (S) excluding PSYC.  * With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral 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 1113, 3214 and 3914
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	6	MATH 1513 and 3 hours designated (A)	
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N)	8	Courses designated (N)	
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours designated (S)	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	2	Any course with a GE designation in any of the above areas	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	_____ (see note 2.a.)	
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	
<u>Other Requirements:</u> See notes 1, 2 & 3 on back of degree sheet <u>Foreign Language Proficiency:</u> See note 3 on back of sheet. <u>Upper-Division Gen Ed:</u> 6 hours outside major department. <u>Upper-Division Credit:</u> Total hours must include at least <u>40 hours</u> in courses numbered 3000 or above. <u>Hours in One Department:</u> Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.			
<u>Additional State/OSU Requirements</u> – 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 2019.			
			<b>ELECTIVES: 17 HOURS</b>

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Sociology**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u>	
American History & Government	6	HIST 1103; POLS 1113	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	Minimum 30 hours of courses with SOC/ANTH prefix.	
Humanities (H)	6	Courses designated (H)	SOC 1113 2123 (or ANTH 3353) 3113 4133 4243 4663	
Natural Sciences (N)	8	Courses designated (N)	3 hours from: SOC 3133 3993 4383 4643 4653	
Social & Behavioral Sciences (S)	6	Courses designated (S)		
Diversity (D)	--	Course designated (D) (see note 1.b.)	15 hours upper-division SOC/ANTH	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	9 hours upper-division related courses.*	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	* With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be used for these 9 hours and 21 hours of electives.	
Controlled Electives	2	Any course with a GE designation in any of the above areas		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			<b>ELECTIVES: 23 HOURS</b>	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	1 hour may need to be upper-division.	
Arts and Humanities	3	_____ (see note 2.a.)		
Natural & Mathematical Sciences	9	_____ (see note 2.b.)		

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (ANTH, SOC).

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation (ANTH, SOC).

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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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Sociology      OPTION: Anthropology**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u>
American History & Government	6	HIST 1103; POLS 1113	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	Minimum 30 hours of courses with SOC/ANTH prefix.
Humanities (H)	6	Courses designated (H)	ANTH 2353
Natural Sciences (N)	8	Courses designated (N)	ANTH 2883
Social & Behavioral Sciences (S)	6	Courses designated (S)	ANTH 3353
Diversity (D)	--	Course designated (D) (see note 1.b.)	SOC 1113
International Dimension (I)	--	Course designated (I) (see note 1.b.)	SOC 3113
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	SOC 4133
Controlled Electives	2	Any course with a GE designation in any of the above areas	SOC 4243
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			SOC 4663
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	<u>6 hours</u> upper-division SOC
Arts and Humanities	3	_____ (see note 2.a.)	<u>6 hours</u> upper-division ANTH
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	<u>12 hours</u> upper-division related courses from:
			ART 3733, 4603, 4763
			GEOG 3053, 3243, 3783, 3793, 4333, 4353
			HIST 3013, 3023, 3133, 3443, 3453, 3503, 3513, 3543, 3553, 3763, 3793, 4063, 4493, 4523, 4573, 4980
			MUSI 3573, 3583
			PHIL 3943
			POLS 3953, 3973
			REL 3573
			SOC 3133, 4433, 4453, 4653, 4990
			ZOOL 3113, 3123, 4313
			<b>ELECTIVES: 20 HOURS</b>
			1 hour may need to be upper-division.

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (ANTH, SOC).

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation (ANTH, SOC).

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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Sociology      OPTION: Applied Sociology**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 121**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 52 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA <u>2.50</u>		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA in all SOC/ANTH courses <u>2.50</u> with a minimum grade of "C" in all SOC/ANTH courses.		
American History & Government	6	HIST 1103; POLS 1113	SOC 1113; 2123 or ANTH 3353		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and 3 hours designated (A)	SOC 3113, 3953, 4133, 4850 (4 hours) 3 hours from: SOC 3133, 3993, 4383, 4643, 4653		
Humanities (H)	6	Courses designated (H)	SOC 4243		
Natural Sciences (N)	8	Courses designated (N)	SOC 4663		
Social & Behavioral Sciences (S)	6	Courses designated (S) recommend HDFS 2113 & PSYC 1113	<u>Choose one of the following emphases:</u>		
Diversity (D)	--	Course designated (D) (see note 1.b.)	<u>Law, Crime and Social Justice</u>		
International Dimension (I)	--	Course designated (I) (see note 1.b.)	SOC 3523, 4033, 4313, 4333, 4443		
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	9 hours from: SOC 3133, 3223, 3323, 4023, 4213, 4723, 4733, 4743, 4753, 4923; EPSY 3213; HDFS 3423; HHP 3913; PHIL 3843; POLS 3983; PSYC 3443, 4133, 4143, 4213		
Controlled Electives	2	Any course with a GE designation in any of the above areas	<u>Environment and Society</u>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			SOC 4433, 4453, 4463, 4533		
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	12 hours from: SOC 3323, 4323, 4513, 4623, AGECE 4503, ECON 4913, GEOG 3123, 3153, 4123, HIST 4063, 4503, POLS 4363, 4593, PSYC 4213		
Arts and Humanities	3	_____ (see note 2.a.)	<u>Social Services</u>		
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	SOC 3223, 4343, 4723, HDFS 3443		
<b>Other Requirements:</b> See notes 1, 2 & 3 on back of degree sheet			12 hours from: SOC 3133, 4043, 4623, ECON 3523, HDFS 3423, 3443, 4423, HHP 3613, 3913, 4433, PSYC 4133, 4213		
<b>Foreign Language Proficiency:</b> See note 3 on back of sheet.			<b>ELECTIVES: 16 HOURS</b>		
<b>Upper-Division Gen Ed:</b> 6 hours outside major department (ANTH, SOC).					
<b>Upper-Division Credit:</b> Total hours must include at least 40 hours in courses numbered 3000 or above.					
<b>Hours in One Department:</b> Hours in one department in excess of 54 will be added to the minimum total of 121 required for graduation (ANTH, SOC).					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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DEAN

DEPARTMENT HEAD



**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Sports Media**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course. Core Curriculum: MC 2003, 2023, 4143, 4163, SPM 2843, 3843  Select one of the options listed below:  1. Sports Media Production: a. MMJ 3153, 3263, 3913 and SPM 3863, 4813, 4883 b. 12 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division) c. 9 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  2. Sports Media News: a. MMJ 3153, 3263, 3313, 4393 and SPM 3853, 3863, 4883 b. 9 hrs MC, MMJ, SC or SPM (3 hrs must be upper division) c. 9 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  3. Sports Media Strategic Communications/Promotion: a. SC 2183, 3353, 3753, 3953 and SPM 3783, 4933 b. 12 hrs MC, MMJ, SC or SPM electives (9 hrs must be upper-division) c. 6 hrs upper-division MKTG d. 3 hrs upper-division Traditional Liberal Arts or Business or Gen Ed  A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. A passing score on the English Language Proficiency Exam is required for upper-division major requirements.  A minimum of 72 hours must be taken outside of JB/MC/MMJ/SC/SPM. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.  This major requires students to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
American History & Government	6	HIST 1103; POLS 1113	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053	
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N)	8	Courses designated (N)	
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143	
Diversity (D)	--	Course designated (D) (see note 1.b.)	
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	
Controlled Electives	3	SPCH 2713	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	_____ (see note 2.a.)	
Natural & Mathematical Sciences	9	_____ (see note 2.b.)	

**ELECTIVES: 14 HOURS**

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (JB, MC, MMJ, SC, SPM).

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

Hours in One Department: The School of Media and Strategic Communications requires that hours in JB, MC, MMJ, SC, SPM in excess of 53 will be added to the minimum total of 125 required for graduation.

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 2019.

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DEPARTMENT HEAD



**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Statistics**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 53 HOURS</b>																																					
Area	Hours	To be selected from:																																						
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.																																					
American History & Government	6	HIST 1103; POLS 1113	Section 1: Required Courses																																					
Analytical & Quantitative Thought (A)	5	MATH 1715	CS 1113																																					
Humanities (H)	6	Courses designated (H)	3513 or 4513																																					
Natural Sciences (N)	8	Courses designated (N)	MATH 2144																																					
Social & Behavioral Sciences (S)	6	Courses designated (S)	2153																																					
Diversity (D)	--	Course designated (D) (see note 1.b.)	2163																																					
International Dimension (I)	--	Course designated (I) (see note 1.b.)	3013																																					
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	STAT 4013																																					
Controlled Electives	3	SPCH 2713	4023																																					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			4043																																					
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	4091																																					
Arts and Humanities	3	_____ (see note 2.a.)	4203																																					
Natural & Mathematical Sciences	9	CS 2133 or MATH 2233; and 6 additional hours (see note 2.b.)	4213																																					
			Section 2: 0-9 hours at 3000 level or above in a field of application.																																					
			Section 3: 9-18 hours to be selected from:																																					
			<table border="0"> <tr> <td>CS 3443</td> <td>ECON 3113</td> <td>FIN 3113</td> <td>IEM 3703</td> <td>MATH 3613</td> <td>MSIS 3223</td> </tr> <tr> <td>3653</td> <td>4213</td> <td>4223</td> <td>4013</td> <td>4013</td> <td>3233</td> </tr> <tr> <td>4323</td> <td>4223</td> <td>4333</td> <td>4103</td> <td>4233</td> <td>3243</td> </tr> <tr> <td>4343</td> <td></td> <td>4763</td> <td>4113</td> <td>4453</td> <td>3393</td> </tr> <tr> <td></td> <td></td> <td></td> <td>4613</td> <td>4553</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>4713</td> <td>4663</td> <td></td> </tr> </table>		CS 3443	ECON 3113	FIN 3113	IEM 3703	MATH 3613	MSIS 3223	3653	4213	4223	4013	4013	3233	4323	4223	4333	4103	4233	3243	4343		4763	4113	4453	3393				4613	4553					4713	4663	
CS 3443	ECON 3113	FIN 3113	IEM 3703	MATH 3613	MSIS 3223																																			
3653	4213	4223	4013	4013	3233																																			
4323	4223	4333	4103	4233	3243																																			
4343		4763	4113	4453	3393																																			
			4613	4553																																				
			4713	4663																																				
			Total of 18 hours from Sections 2 and 3.																																					
			<b>ELECTIVES: 14 HOURS</b>																																					

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department.

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

Hours in One Department: Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

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 2019.

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DEPARTMENT HEAD





**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Strategic Communication**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 125**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	Minimum 2.50 GPA in JB/MC/MMJ/SC/SPM prefix courses and in Major Requirements with a minimum grade of "C" in each course.	
American History & Government	6	HIST 1103; POLS 1113	MC 2003	SC 2183
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; and STAT 2013 or 2053	2023	3353
Humanities (H)	6	Courses designated (H)	4143	3383
Natural Sciences (N)	8	Courses designated (N)	4163	3753
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; MC 1143		3953
Diversity (D)	--	Course designated (D) (see note 1.b.)		4013
International Dimension (I)	--	Course designated (I) (see note 1.b.)		4843 or 4980 (3)
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	SC 3603 or 4493	
Controlled Electives	3	SPCH 2713	12 hrs MC, MMJ, SC or SPM (6 hrs must be upper-division) 6 hrs upper-division MKTG 3 hrs upper-division Traditional Liberal Arts or Business or Gen Ed	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			A 2.50 graduation retention GPA and at least 28 hours completed required to declare major. A passing score on the English Language Proficiency Exam is required for upper-division major requirements.	
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	A minimum of 72 hours must be taken outside of JB/MC/MMJ/SC/SPM. No more than 12 hours in JB/MC/MMJ/SC/SPM can be transferred from other institutions.	
Arts and Humanities	3	_____ (see note 2.a.)	Students are required to develop and maintain a portfolio exhibiting specific and appropriate work including required class assignments.	
Natural & Mathematical Sciences	9	_____ (see notes 2.b.)	<b>ELECTIVES: 14 HOURS</b>	

**Other Requirements:** See notes 1, 2 & 3 on back of degree sheet

**Foreign Language Proficiency:** See note 3 on back of sheet.

**Upper-Division Gen Ed:** 6 hours outside major department (JB, MC, MMJ, SC, SPM).

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

**Hours in One Department:** The School of Media and Strategic Communications requires that hours in JB, MC, MMJ, SC, SPM in excess of 53 will be added to the minimum total of 125 required for graduation.

**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 2019.

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**COLLEGE OF ARTS & SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Zoology**

**Minimum Overall Grade Point Average: 2.00      Total Hours: 127**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum grade of "C" in each course
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	BIOL 1114 3023 3034
American History & Government	6	HIST 1103; POLS 1113	CHEM 3015; or 3053, 3112, 3153 MICR 2123 or 3033
Analytical & Quantitative Thought (A)	6	MATH 1513 and 1613; or 1715	ZOOL 1604 2111 3104 3114 3204 4133 4700 or 4710 (1 hour)
Humanities (H)	6	Courses designated (H)	12 hours upper-division ZOOL courses (major courses only) with a laboratory in at least one course
Natural Sciences (N)	8	PHYS 1114*, 1214*	Choose 3 hours from the following: ENGL 3323, 4563 GEOG 3153, 4053
Social & Behavioral Sciences (S)	6	SPCH 2713 and 3 hours designated (S)	Choose 3 hours from the following: HIST 4523 PHIL 4713, 4733 SOC 4433
Diversity (D)	--	Course designated (D) (see note 1.b.)	With approval from the adviser and department head, a maximum of 30 hours from an accredited doctoral health program may be substituted for major requirements other than BIOL 3023 and ZOOL 4133.
International Dimension (I)	--	Course designated (I) (see note 1.b.)	
Scientific Investigation (L)	--	Course designated (L) (see note 1.b.)	<b>ELECTIVES: 15 HOURS</b>
Controlled Electives	3	STAT 2013 or 4013*	2 hours may need to be upper-division. CHEM 3053, 3112 and 3153 and a calculus course recommended for graduate school or health professions.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			
Orientation	1	A&S 1111 (transfer students with 15 hours exempt)	
Arts and Humanities	3	_____ (see note 2.a.)	
Natural & Mathematical Sciences	9	CHEM 1314, 1515 †	

Other Requirements: See notes 1, 2 & 3 on back of degree sheet

Foreign Language Proficiency: See note 3 on back of sheet.

Upper-Division Gen Ed: 6 hours outside major department (BIOL, ZOOL).

Upper-Division Credit: Total hours must include at least 48 hours in courses numbered 3000 or above.

Hours in One Department: Hours in one department (BIOL, ZOOL) in excess of 54 will be added to the minimum total of 127 required for graduation.

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 2019.

†Updated 5/3/2013 to correct errors in the original printed UP&R book.

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DEPARTMENT HEAD

# College of Education

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## **Bachelor of Science**

- ED-1 - Education - *Non-Certification*
- ED-2 - Health Education and Promotion - *Community Health Education*
- ED-3 - Health Education and Promotion - *Exercise and Health*
- ED-4 - Recreation Management and Therapeutic Recreation - *Recreation Management*
- ED-5 - Recreation Management and Therapeutic Recreation - *Therapeutic Recreation*
- ED-6 - Physical Education - *Teacher Education*
- ED-7 - Aerospace Administration and Operations - *Aerospace Logistics*
- ED-8 - Aerospace Administration and Operations - *Aviation Management*
- ED-9 - Aerospace Administration and Operations - *Aerospace Security*
- ED-10 - Aerospace Administration and Operations - *Professional Pilot*
- ED-11 - Aerospace Administration and Operations - *Technical Service Management*
- ED-12 - Career and Technical Education - *Business and Information Technology Education*
- ED-13 - Career and Technical Education - *Health Occupations Education*
- ED-14 - Career and Technical Education - *Marketing Education*
- ED-15 - Career and Technical Education - *Certification*
- ED-16 - Career and Technical Education - *Non-Certification*
- ED-17 - Career and Technical Education - *Technology Education*
- ED-18 - Elementary Education
- ED-19 - Secondary Education - *English*
- ED-20 - Secondary Education - *Foreign Language*
- ED-21 - Secondary Education - *Mathematics*
- ED-22 - Secondary Education - *Science*
- ED-23 - Secondary Education - *Social Studies*



**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Education    OPTION: Non-Certification**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA <u>2.25</u> with no grade lower than "C" or "P".	
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213, 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	CIED 4000, HHP 3010/4010, RMTR 3010/4010 or EDUC 4110 (2 hours)	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	CIED 4560 (3 hours)	
Analytical & Quantitative Thought (A)	6	MATH 1483, 1493, 1513, 1613 or STAT 2013	EDTC 4113	
Humanities (H)	6	6 hours designated (H)	EPSY 1003	
Natural Sciences (N)	8	8 hours designated (N)	EPSY 3413, or EPSY 3113 or EPSY 3213	
Social & Behavioral Sciences (S)	6	6 hours (S) designated courses	EPSY 3513	
Diversity (D)	--	Any course designated (D)	EPSY 4063	
International Dimension (I)	3	3 hours designated (I). Recommended: AVED 4653, SCFD 4913 or CTED 4333	EPSY 4223	
Scientific Investigation (L)	--	Any course designated (L)	EPSY 4513 or 4533	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 11 HOURS</b>			HHP 2603	
EDUC 1111			HHP 3913	
CPSY 1112			HHP 1753, SCFD 3223, 4123, or 4913	
SDEV 3013			RMTR 2443 or CPSY 4443	
5 hours to be selected from a foreign language or other approved language.			SPED 3202	
			Remaining course work to be selected from the following areas (8 hours):	
			Aviation	
			Counseling Psychology	
			Curriculum and Instruction	
			Educational Psychology	
			Health and Human Performance	
			Recreation Management Therapeutic Recreation	
			Library Science	
			Social Foundations	
			Career and Technical Education	
			<b>ELECTIVES: 17 HOURS</b>	
			To be selected from education-related areas.	
<b>Other Requirements:</b>				
40 hours of upper-division course work.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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SCHOOL HEAD



**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Health Education and Promotion** **OPTION: Community Health Education**

**Minimum Overall Grade Point Average: 2.75**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA of <u>2.75</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP	2213
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013, or 2023, or 2053	HHP	2603
Humanities (H)	6	6 hours any (H) courses	HHP	2654
Natural Sciences (N)	8	BIOL 1114 and CHEM 1314 or 1215	HHP	3613
Social & Behavioral Sciences (S)	6	Any course designated (S)	HHP	3623
Diversity (D)	--	Any course designated (D)	HHP	3643
International Dimension (I)	--	Any course designated (I)	HHP	3723
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	HHP	3913
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 28 HOURS</b>			HHP	4233
Minimum GPA <u>2.75</u> with a minimum grade of "C" or "P" in each course.			HHP	4533
EDUC 1111	MKTG 3213		HHP	4880 (12 hours)
BCOM 3113	MSIS 2103 or EDTC 4113		HHP	4902
ECON 1113	NSCI 2114		HHP	4973
HHP 3114	ZOOL 3204		Select 3 hours from:	
MGMT 3013			HHP	4773
			HHP	4783
			NSCI	3223

**Other Requirements:**

40 hours of upper-division course work. Documentation of current first aid/CPR certification prior to completion of HHP 4880. Required for graduation: (1) 2.75 overall GPA; (2) 2.75 overall GPA for enrollment in HHP 4880; (3) 2.75 GPA in College/Departmental Requirements; and (4) 2.75 GPA in Major Requirements. The student must earn minimum grades of "C" or "P" in the College/Departmental Requirements and Major Requirements.

**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 2019.

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SCHOOL HEAD



**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Health Education and Promotion      OPTION: Exercise and Health**

**Minimum Overall Grade Point Average: 2.75      Total Hours: 120**  
**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 51 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA of <u>2.75</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP	2213
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013, or 2023, or 2053	HHP	2603
Humanities (H)	6	6 hours any (H) courses	HHP	2654
Natural Sciences (N)	8	BIOL 1114 and CHEM 1314 or 1215	HHP	3223
Social & Behavioral Sciences (S)	6	Any course designated (S)	HHP	3613
Diversity (D)	--	Any course designated (D)	HHP	3643
International Dimension (I)	--	Any course designated (I)	HHP	3663
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	HHP	3723
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 28 HOURS</b>			HHP	3913
Minimum GPA <u>2.75</u> with a minimum grade of "C" or "P" in each course.			HHP	4533
EDUC 1111	MKTG 3213		HHP	4902
BCOM 3113	MSIS 2103 or EDTC 4113		HHP	4973
ECON 1113	NSCI 2114		HHP	4990 (12 hours)
HHP 3114	ZOOL 3204		Select 3 hours from:	
MGMT 3013			HHP	4773
			HHP	4783
			NSCI	4133

Other Requirements:

40 hours of upper-division course work. Documentation of current first aid/CPR certification prior to completion of HHP 4990.

Required for graduation: (1) 2.75 overall GPA; (2) 2.75 overall GPA for enrollment in HHP 4990; (3) 2.75 GPA in College/Departmental Requirements; and (4) 2.75 GPA in Major Requirements. The student must earn minimum grades of "C" or "P" in the College/Departmental Requirements and Major Requirements.

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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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Recreation Management and Therapeutic Recreation**    **OPTION: Recreation Management**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 45 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA of <u>2.50</u> with a minimum grade of "C" or "P" in each course.  <u>Program Core (16 hours)</u> RMTR 2413 RMTR 2463 RMTR 2473 RMTR 4433 RMTR 4481 RMTR 4493  <u>RM Option Requirements (27 hours)</u> RMTR 3431 RMTR 3432 RMTR 3463 RMTR 4463 RMTR 4563 RMTR 4680 (9 hours - taken with 4683 in spring or summer only) RMTR 4683 (taken with 4680 in spring or summer only) RMTR 4943  <u>RM electives (15 hours):</u> 15 hours of a combination of RMTR and one discipline area with at least 9 of the 15 hours upper division courses.  <u>Approved discipline areas include:</u> AGED, BOT, ECON, GEOG, GEOL, HRAD, HDFS, HHP, MGMT, MKTG, NREM, POLS, SDEV, ZOOL	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113		
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013, or 2023, or 2053		
Humanities (H)	6	6 hours any (H) courses		
Natural Sciences (N)	9	BIOL 1114 and CHEM 1215		
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113		
Diversity (D)	3	RMTR 2443		
International Dimension (I)	--	Any course designated (I)		
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 17 HOURS</b>				
Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.  EDUC 1111            HDFS 2113 ECON 1113            HHP 2603 GEOG 1114 or        LSB 3213 or MKTG 3213 1113 plus 1 hour elective				
<u>Other Requirements:</u> 40 hours of upper-division course work. Required for graduation: (1) 2.00 graduation/retention GPA; (2) 2.50 GPA in major for enrollment in RMTR 4680; and (3) 2.50 GPA in College/Departmental Requirements. The student must earn minimum grades of "C" or "P" in the College/Departmental Requirements and Major Requirements.				
<u>Additional State/OSU Requirements</u> – 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 2019.				

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Recreation Management and Therapeutic Recreation** **OPTION: Therapeutic Recreation**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 45 HOURS</b>			<b>MAJOR REQUIREMENTS: 53 HOURS</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum GPA of <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	<u>Program Core (16 hours)</u>	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	RMTR 2413	
Analytical & Quantitative Thought (A)	6	MATH 1513 and STAT 2013, or 2023, or 2053	RMTR 2463	
Humanities (H)	6	6 hours any (H) courses	RMTR 2473	
Natural Sciences (N)	9	BIOL 1114 and CHEM 1215	RMTR 4433	
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	RMTR 4481	
Diversity (D)	3	RMTR 2443	RMTR 4493	
International Dimension (I)	--	Any course designated (I)	<u>T.R. Option Requirements (31 hours)</u>	
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	RMTR 2433	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 22 HOURS</b>			RMTR 3413	
Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.			RMTR 3423	
EDUC 1111	HHP 2712		RMTR 3431	
HDFS 2113	HHP 2802		RMTR 3433	
HHP 2603	PSYC 3443		RMTR 3480 (3 to 6 hours)	
HHP 2654	ZOOL 3204		RMTR 4480 (6 to 9 hours taken with 4483 in Spring or Summer only)	
			RMTR 4483 (taken with 4480 in Spring or Summer only)	
			RMTR 4933	
			Plus 6 hours of electives from the following:	
			Upper division RMTR courses and/or	
			EPSY 3113	HDFS 2233
			EPSY 3413	HDFS 3203
			EPSY 4063	HDFS 3413
				HDFS 3423
<u>Other Requirements:</u>				
40 hours of upper-division course work. Required for graduation: (1) 2.00 graduation/retention GPA; (2) 2.50 GPA in major for enrollment in RMTR 4480; and (3) 2.50 GPA in College/Departmental Requirements. The student must earn minimum grades of "C" or "P" in the College/Departmental Requirements and Major Requirements.				
<u>Additional State/OSU Requirements</u> – 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 2019.				

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Physical Education**

**OPTION: Teacher Education**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 41 HOURS</b>			<b>MAJOR REQUIREMENTS: 44 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	HHP 1812	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513 and STAT 2013	HHP 1822	
Humanities (H)	6	6 hours any (H) designated course work	HHP 1832	
Natural Sciences (N)	8	BIOL 1114 and 4 hours physical science	HHP 1842	
Social & Behavioral Sciences (S)	6	PSYC 1113 and 3 hours to be selected from (S) designated courses	HHP 2553	
Diversity (D)	--	Any course designated (D)	HHP 2602	
International Dimension (I)	--	Any course designated (I)	HHP 2603	
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	HHP 2654	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			HHP 2712	
A minimum grade of "C" or "P" in each course.			HHP 3114	
Required:			HHP 3223	
EDUC 1111			HHP 3623	
9 hours electives (5 hours may need to be in a foreign language)			HHP 3663	
			Full admission required:	
			HHP 4723	
			HHP 4733	
			HHP 4793	
			<b>PROFESSIONAL CORE REQUIREMENTS: 25 HOURS</b>	
			Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course.	
			EDTC 3123	
			EPSY 3413	
			HHP 1753	
			HHP 3431	
			HHP 3753	
			HHP 3773	
			Full admission required: HHP 4643	
			Student Teaching: HHP 4480 (3 hours) Elementary	
			HHP 4480 (3 hours) Secondary	
<b>Other Requirements:</b>				
40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in the Major Requirements and Professional Core Requirements, and must earn grades of "P" in all sections of student teaching for recommendation for Certification. The student must earn minimum grades of "C" or "P" in the College/Departmental requirements.				
Prior to enrollment in the student teaching experience the student must: a) have all course work completed, and b) demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Aerospace Administration and Operations**

**OPTION: Aerospace Logistics**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 64 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	AVED	2113
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix	AVED	3433
Humanities (H)	6	6 hours designated (H)	AVED	3453
Natural Sciences (N)	7	7 hours designated (N) and one course designated (L)	AVED	3513
Social & Behavioral Sciences (S)	6	6 hours designated (S)	AVED	3543
Diversity (D)	--	Any course designated (D)	AVED	3573
International Dimension (I)	--	Any course designated (I)	AVED	3663
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	AVED	3883
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 16 HOURS</b>			AVED	4103
Required: EDUC 1111			AVED	4123
Recommended:			AVED	4143
ACCT 2103	MSIS 2103		AVED	4153
AVED 1114, 4100, 4200	MSIS 2203		AVED	4163
ECON 2203			AVED	4173
			AVED	4193
			AVED	4663
			AVED	4813
			AVED	4983
			AVED	4993
			7 hours from the following areas:	
			Supply Chain Management	
			Basic Engineering for Logistics	
			Small Business Operations	
			Procurement & Supplies Management (contracting)	
			Program Management	
<b>Other Requirements:</b>				
40 hours of upper-division course work. A 2.50 GPA is required in the Major Requirements with no grade below a "C"				
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 2019.				

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Aerospace Administration and Operations**

**OPTION: Aviation Management**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 60 HOURS</b>			
Area	Hours	To be selected from:				
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.  ACCT 2103 AVED 2113 AVED 3433 AVED 3443 AVED 3453 AVED 3513 AVED 3523 AVED 3543 AVED 3563 AVED 3573 AVED 3663 AVED 3883 AVED 4113 AVED 4653 AVED 4663 AVED 4883 AVED 4943 AVED 4953 AVED 4963 AVED 4993			
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113				
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix				
Humanities (H)	6	6 hours designated (H)				
Natural Sciences (N)	7	7 hours designated (N) and one course designated (L)				
Social & Behavioral Sciences (S)	6	ECON 2103 and any course designated (S)				
Diversity (D)	--	Any course designated (D)				
International Dimension (I)	--	Any course designated (I)				
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS</b>						
Required: EDUC 1111 Recommended: ACCT 2203                      AVED 4100 (3 hours) AVED 1114                     AVED 4200 (3 hours) AVED 1222                     ECON 2203						

Other Requirements:

40 hours of upper-division course work. A 2.50 GPA is required in the Major Requirements with no grade below a "C"

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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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Aerospace Administration and Operations**

**OPTION: Aerospace Security**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 60 HOURS</b>	
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	AVED	2113
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	AVED	3433
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix	AVED	3443
Humanities (H)	6	6 hours designated (H)	AVED	3453
Natural Sciences (N)	7	7 hours designated (N) and one course designated (L)	AVED	3483
Social & Behavioral Sciences (S)	6	PSYC 1113 and any course designated (S)	AVED	3513
Diversity (D)	--	Any course designated (D)	AVED	3523
International Dimension (I)	--	Any course designated (I)	AVED	3523
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	AVED	3543
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS</b>			AVED	3563
Required: EDUC 1111			AVED	3573
Recommended:			AVED	3663
ACCT 2103	AVED 4200 (3 hours)		AVED	3883
AVED 1114	REL 1103		AVED	4113
AVED 4100 (3 hours)	SOC 3223		AVED	4413
			AVED	4423
			AVED	4653
			AVED	4663
			AVED	4943
			AVED	4953
			AVED	4993
<b>Other Requirements:</b>				
40 hours of upper-division course work. A 2.50 GPA is required in the Major Requirements with no grade below a "C"				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Aerospace Administration and Operations**

**OPTION: Professional Pilot**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 70 HOURS</b>	
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	AVED 1114	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	AVED 1222	
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix	AVED 1403	
Humanities (H)	6	6 hours designated (H)	AVED 2113	
Natural Sciences (N)	7	GEOG 3033 and any PHYS course designated (N,L)	AVED 2122	
Social & Behavioral Sciences (S)	6	PSYC 1113 and any course designated (S)	AVED 2132	
Diversity (D)	--	Any course designated (D)	AVED 2142	
International Dimension (I)	--	Any course designated (I)	AVED 2213	
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	AVED 2313	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>			AVED 3231	
Required: EDUC 1111			AVED 3243	
Recommended:			AVED 3333	
AVED 3513	AVED 4200 (3 hours)		AVED 3341	
AVED 3543	AVED 4331		AVED 3433	
AVED 3563	AVED 4663		AVED 3443	
AVED 3573	AVED 4771		AVED 3453	
AVED 4100 (3 hours)	AVED 4953		AVED 3533	
			AVED 3663	
			AVED 4113	
			AVED 4133	
			AVED 4232	
			AVED 4303	
			AVED 4353	
			AVED 4653	
			AVED 4703	
			AVED 4993	

Other Requirements:

40 hours of upper-division course work. A 2.50 GPA is required in the Major Requirements with no grade below a "C"

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Aerospace Administration and Operations      OPTION: Technical Service Management**

**Minimum Overall Grade Point Average: 2.50      Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 67 HOURS</b>			
Area	Hours	To be selected from:				
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.  ACCT 2103 AVED 2113 AVED 3433 AVED 3443 AVED 3453 AVED 3513 AVED 3543 AVED 3573 AVED 3663 AVED 4113 AVED 4653 AVED 4663 AVED 4953 AVED 4993  25 hours of course work in Aviation Applied Science.			
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113				
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix				
Humanities (H)	6	6 hours designated (H)				
Natural Sciences (N)	7	7 hours designated (N) and one course must be designated (L)				
Social & Behavioral Sciences (S)	6	ECON 2103 and any course designated (S)				
Diversity (D)	--	Any course designated (D)				
International Dimension (I)	--	Any course designated (I)				
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.				
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>						
Required: EDUC 1111 Recommended: AVED 1114                      AVED 4100 (3 hours) AVED 1222                      AVED 4200 (3 hours) Some or all may need to be upper-division.						

Other Requirements:

40 hours of upper-division course work. A 2.50 GPA is required in the Major Requirements with no grade below a "C"

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Career and Technical Education** **OPTION: Business and Information Technology Education**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Core Requirements (21 hours)	
Analytical & Quantitative Thought (A)	6	6 hours designated (A). One course must be MATH prefix.	CTED 4413	CTED 4343
Humanities (H)	6	6 hours designated (H)	CTED 4123	CTED 4673
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	CTED 4213	CTED 4683
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	CTED 4223	
Diversity (D)	--	Any course designated (D)	Business Courses (18 hours)	
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	ACCT 2103	ECON 2203
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	ACCT 2203	MGMT 3013
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 9 HOURS</b>			ECON 2103	MKTG 3213
9 hours of electives (5 hours may need to be foreign language)			Technology Courses (6 hours) recommended:	
			CS 1003	
			MSIS 2103	
			<b>PROFESSIONAL CORE REQUIREMENTS: 26 HOURS</b>	
			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
			CTED 3203	EPSY 3213
			CTED 3903	SCFD 3223
			CTED 4103	SPED 3202
			EDTC 4113	
			Full admission required: CTED 4470 (6 hours)	

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Career and Technical Education      OPTION: Health Occupations Education**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 124**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Core Requirements (21 hours)	
Analytical & Quantitative Thought (A)	6	6 hours designated (A). One course must be MATH prefix.	CTED 4413                      CTED 4343	
Humanities (H)	6	6 hours designated (H)	CTED 4123                      CTED 4673	
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	CTED 4213                      CTED 4683	
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	CTED 4223	
Diversity (D)	--	Any course designated (D)	Health related courses (24 hours)	
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	Specific courses:	
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	HHP 2213                      HHP 3913	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 9 HOURS</b>			HHP 2603                      HHP 4643	
9 hours of electives (5 hours may need to be foreign language)			HHP 3613                      HHP 4723	
			HHP 3623                      HHP 4973	
			<b>OR</b>	
			CTED 3000 (24 hours), successful completion of the NOCTI Exam (grade of "P"), other approved examination,	
			<b>OR</b>	
			24 hours of health-related course work selected in consultation with advisor.	
			<b>PROFESSIONAL CORE REQUIREMENTS: 26 HOURS</b>	
			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
			CTED 3203                      EPSY 3213	
			CTED 3903                      SCFD 3223	
			CTED 4103                      SPED 3202	
			EDTC 3123 or 4113	
			Full admission required: CTED 4470 (6 hours)	

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

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 2019.

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**COLLEGE OF EDUCATION**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Career and Technical Education**

**OPTION: Marketing Education**

**Minimum Overall Grade Point Average: 2.50**  
(cumulative graduation/retention GPA)

**Total Hours: 124**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 48 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Core Requirements (21 hours)	
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix.	CTED 4413	CTED 4343
Humanities (H)	6	6 hours designated (H)	CTED 4123	CTED 4673
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	CTED 4213	CTED 4683
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113	CTED 4223	
Diversity (D)	--	Any course designated (D)	Marketing courses (27 hours)	
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	ACCT 2103	MKTG 3323
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	ECON 2103	MKTG 3433
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 6 HOURS</b>			FIN 2123 or LSB 3213	MKTG 3513
6 hours of electives (5 hours may need to be foreign language)			MGMT 3013	MKTG 4553
			MKTG 3213	
			<b>PROFESSIONAL CORE REQUIREMENTS: 26 HOURS</b>	
			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
			CTED 3203	EPSY 3213
			CTED 3903	SCFD 3223
			CTED 4103	SPED 3202
			EDTC 3123 or 4113	
			Full admission required: CTED 4470 (6 hours)	

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Career and Technical Education    OPTION: Certification**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENTS: 45 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Core Requirements (21 hours)		
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix.	CTED 4413	CTED 4223	CTED 4673
Humanities (H)	6	6 hours designated (H)	CTED 4123	CTED 4343	CTED 4683
Natural Sciences (N)	8	8 hours science (N) One course must have (L)	CTED 4213		
Social & Behavioral Sciences (S)	6	PSYC 1113 and ECON 1113 or SOC 1113	CTED 3000 (24 hours), successful completion of the NOCTI Exam (grade of "P"), or other approved examination or the transfer of approved technical work in a teaching area. (40 hours of the 124 total hours must be upper-division course work.)		
Diversity (D)	--	Any course designated (D)			
International Dimension (I)	3	Any course designated (I) CTED 4333 recommended.			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 9 HOURS</b>			<b>PROFESSIONAL CORE REQUIREMENTS: 26 HOURS</b>		
9 hours of electives (5 hours may need to be foreign language)			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
			CTED 3203	EPSY 3213	
			CTED 3903	SCFD 3223	
			CTED 4103	SPED 3202	
			EDTC 3123 or 4113		
			Full admission required: CTED 4470 (6 hours)		

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Career and Technical Education**

**OPTION: Non-Certification**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 124**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENT: 80 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	<p>Minimum GPA <u>2.00</u> with a minimum grade of "C" or "P" in each course.            Students must complete one of the following options:</p> <p style="text-align: center;"><u>Option 1</u></p> <p><u>26</u> hours of technical coursework selected in consultation with advisor (6 hrs. must be from a senior college; 1 hr. must be upper division)</p> <p><u>12</u> hours must be earned through CTED 4010 (1-6 hrs.) and CTED 4110 (1-6 hrs.) focusing on technical education experience.</p> <p><u>15</u> hours must be earned through CTED 2000, Field Experiences.</p> <p><u>27</u> hours:            CTED 3203                      CTED 4213                      CTED 4673            CTED 4103                      CTED 4223                      CTED 4683            CTED 4413                      CTED 4343                      EDTC 4113</p> <p style="text-align: center;"><u>Option 2</u></p> <p><u>26</u> hours of technical coursework selected in consultation with advisor. (6 hrs. must be from a senior college).</p> <p><u>3</u> hours must be earned through CTED 4010 (1-6 hrs.) or CTED 4110 (1-6 hrs.) focusing on technical education experience.</p> <p><u>24</u> hours of upper division coursework. CTED 3000 may be earned through successful passing of NOCTI examination or the holding of current recognized industrial credentials.</p> <p><u>27</u> hours:            CTED 3203                      CTED 4213                      CTED 4673            CTED 4103                      CTED 4223                      CTED 4683            CTED 4413                      CTED 4343                      EDTC 4113</p>		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113			
Analytical & Quantitative Thought (A)	6	6 hours designated (A) One course must be MATH prefix.			
Humanities (H)	6	6 hours designated (H)			
Natural Sciences (N)	8	8 hours science (N) One course must have (L)			
Social & Behavioral Sciences (S)	6	PSYC 1113 and SOC 1113			
Diversity (D)	--	Any course designated (D)			
International Dimension (I)	3	Any course designated (I) CTED 4333 recommended.			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.			

Other Requirements:

40 hours of upper-division course work. A 2.00 GPA with a minimum grade of "C" or "P" in each course is required in the Major Requirements.

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 2019.

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**COLLEGE OF EDUCATION**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Career and Technical Education**

**OPTION: Technology Education**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 124**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 44 HOURS</b>			<b>MAJOR REQUIREMENT: 49 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Core Requirements (15 hours)		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513 STAT 2013	CTED 4413                      CTED 4343		
Humanities (H)	6	6 hours designated (H)	CTED 4123                      CTED 4683		
Natural Sciences (N)	8	PHYS 1014 and CHEM 1014	CTED 4213		
Social & Behavioral Sciences (S)	6	PSYC 1113; and ECON 1113 or SOC 1113	Technology courses (34 hours) selected in consultation with adviser (suggested courses):		
Diversity (D)	--	Any course designated (D)	ENGR 1111		
International Dimension (I)	3	Any course designated (I). CTED 4333 recommended.	ENGR 1113		
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	ENGR 1322		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 5 HOURS</b>			FIN 2123		
5 hours of electives (5 hours may need to be foreign language).			GENT 1153		
			GENT 1223		
			HES 2111		
			IEM 2903		
			MSIS 2103		
			MET 1103		
			MET 1223		
			MCAG 3211		
			MCAG 3222		
			NREM 1213		
			<b>PROFESSIONAL CORE REQUIREMENTS: 26 HOURS</b>		
			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
			CTED 3203                      EDTC 3123 or 4113                      SCFD 3223		
			CTED 3903                      EPSY 3213                      SPED 3202		
			CTED 4103		
			Full admission required: CTED 4470 (6 hours)		

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

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 2019.

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**COLLEGE OF EDUCATION**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Elementary Education**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 124**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 3 HOURS</b>			<b>MAJOR REQUIREMENTS: 79 HOURS</b>		
Area	Hours	To be selected from:	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course. Subject Area Concentrations 48 Hours		
English Composition & Oral Communication	--	9 hours are included in the Major Requirements	<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
American History & Government	--	6 hours American History and Government are included in the Major Requirements.	Mathematics	12	6 hours from MATH 1483, 1493, 1513, 1613, 1715, 2103, 2144 or STAT 2013; MATH 3403; 3603
Analytical & Quantitative Thought (A)	--	6 hours of (A) designated courses are included in the Major Requirements.	English	12	ENGL 1113 or 1313 and 1213 or 1413; ENGL 2413 or 1923 or any literature survey with (H) designation, and SPCH 2713
Humanities (H)	3	ART 1603 and 3 hours (H) included in Major Requirements	Social Studies	12	HIST 1103 or 1483 or 1493; GEOG 1113 or 2253; POLS 1113; PSYC 1113 or SOC 1113
Natural Sciences (N)	--	8 hours of (N) designated courses are included in the Major Requirements.	Natural Sciences	12	BIOL 1114; PHYS 1313 and ENTO 3501 or CHEM 1014 or PHYS 1014; ASTR 1014 or 1024 or GEOG 1114 or GEOL 1014 or 1114
Social & Behavioral Sciences (S)	--	6 hours of (S) are included in the Major Requirements	Courses required during Junior year: CIED 3153                      CIED 3293                      CIED 4233+ CIED 3253                      CIED 4213		
Diversity (D)	--	Any course designated (D)	Taken as a block semester prior to student teaching: *CIED 3430 (1 hour)                      *CIED 4153                      *CIED 4353 *CIED 4023                      *CIED 4323                      *CIED 4362 *CIED 4041		
International Dimension (I)	--	Any course designated (I) included in the Major Requirements.	*Full admission to Professional Education required. +Students must pass the Oklahoma Reading Test to receive a passing grade.		
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	<b>PROFESSIONAL CORE REQUIREMENTS: 29 HOURS</b> Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.  CIED 2450 (1 hour)                      EPSY 3113                      SCFD 3223 CIED 3622                      HHP 2603                      SPED 3202 EDTC 3123  Student Teaching Block: *CIED 4453, *CIED 4450 (9 hours)		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS</b>			*Full admission to Professional Education required.		
Required: EDUC 1111                      12 hours of electives (5 hours may need to be foreign language)					

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation. For clarification see OSU academic advisor.

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Secondary Education      OPTION: English**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 124**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 25 HOURS</b>			<b>MAJOR REQUIREMENTS : 57 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	--	9 hours English Composition and oral communication are included in the Major Requirements.	Minimum GPA <u>2.75</u> with a minimum grade of "C" or "P" in each course.	
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	ENGL 1113 or 1313	
Analytical & Quantitative Thought (A)	5	MATH 1715 OR MATH 1483, 1493, 1513, 1613 AND PHIL 1313 or 3003	ENGL 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog)	
Humanities (H)	3	ART 1603 and 3 additional hours included in the Major Requirements.	CIED 4313	
Natural Sciences (N)	8	Courses designated (N), one course must have (L)	ENGL 2453	
Social & Behavioral Sciences (S)	3	SOC 4383 (or 3133 in consultation with adviser), 3 hours are included in the Major Requirements.	ENGL 2543	
Diversity (D)	--	Any course designated (D)	ENGL 2653	
International Dimension (I)	--	Any course designated (I) included in the Major Requirements.	ENGL 2773	
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	ENGL 2883	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 9 HOURS</b>			ENGL 3173	
Minimum grade of "C" or "P" in each course.			ENGL 3183, 3190 (3), 3193, or 3813	
CIED 4473			ENGL 3203	
EDUC 1111			ENGL 3243 or 3263	
5 hours electives: (5 hours may need to be foreign language)			ENGL 4013	
(6 hours upper division English recommended)			ENGL 4263, 4450 (3), or 4350 (3)	
			ENGL 4723 (or 3933 in consultation with adviser)	
			ENGL 4310 (3) or 4320 (3)	
			PHIL 4113 or 4453 or any 4000 level ENGL course	
			SPCH 2713	
			A ENGL 4000 level course in Literature before 1800	
			<b>PROFESSIONAL CORE REQUIREMENTS: 33 HOURS</b>	
			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.	
			CIED 3313	Fall Semester
			*CIED 4713	(Fall Semester prior to Student Teaching)
			EDTC 3123	
			CIED 4093	
			CIED 4193	
			EPSY 3213	
			SCFD 3223	
			SPED 3202	
			Student Teaching – Spring Semester only:	
			*CIED 4720 (6 hours), *CIED 4724	

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.75 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation. 10 hours in one foreign language is recommended for teaching emphasis area and for double major.

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 2019.

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DEAN

SCHOOL HEAD



**COLLEGE OF EDUCATION**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students [Matriculating](#) in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Secondary Education      OPTION: Foreign Language**

**Minimum Overall Grade Point Average: 2.50      Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 40 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Other Language Electives: upper or lower division (5 hrs. may be from any language)		
Analytical & Quantitative Thought (A)	5	MATH 1483, 1493, 1513, 1613, 1715 or STAT 2013	French - 19 hours, German - 19 hours, Spanish - 19 hours		
Humanities (H)	6	6 hours designated (H)	Major Language Core: 12 Hours		
Natural Sciences (N)	8	Biological Science – suggested: BIOL 1114 <b>and</b> Physical Science – suggested: ASTR 1014, CHEM 1014, GEOG 1114, GEOL 1014 or PHYS 1014	<b>French:</b> Advanced Language 3203 and 3213 Advanced Diction 3463 Civilization and Culture 4333  <b>German:</b> Advanced Language 3803 and 3813 Advanced Diction 3463 Civilization and Culture 3333 or 4333  <b>Spanish:</b> Advanced Language 3203 and 3213 Advanced Diction 3463 Civilization and Culture 4323 or 4333		
Social & Behavioral Sciences (S)	6	PSYC 1113; and 3 additional hours designated (S). Recommended: SOC 3133	Upper-division Electives (2 courses must be literature)		
Diversity (D)	--	Any course designated (D)	<b>French</b> - 9 hours: 3073, 3853, 4153, 4163, 4173, 4183, 4550 (1-3 hours), 4573 5110 (1-3 hours)  <b>German</b> - 9 hours: 3333, 4153, 4163, 4333, 4513, 4523, 4543, 4550 (1-3 hours)  <b>Spanish</b> - 9 hours: 3013, 3023, 3033, 4123, 4133, 4163, 4173, 4223, 4253, 4263, 4323, 4333, 4413 (recommended), 4550 (1-3 hours), 5110 (1-3 hours)		
International Dimension (I)	--	Any course designated (I) Recommended: SCFD 4913 or GEOG 1113			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 12 HOURS</b>			<b>PROFESSIONAL CORE REQUIREMENTS : 32 HOURS</b>		
Minimum grade of "C" or "P" in each course.			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
Required: EDUC 1111 and ENGL 2443			CIED 3313 Fall Semester		
Recommended:			CIED 4263 Spring Semester		
CIED 4473	HIST 3273	POLS 3143	*CIED 4713 Fall Semester prior to Student Teaching		
CPSY 4443	HIST 3463	POLS 3193	EDTC 3123		
EPSY 4223	PHIL 1313	SPCH 4753	EPSY 3413		
			SCFD 3223		
			SPED 3202		
			Student Teaching – Spring Semester only:		
			*CIED 4450 (4 hours) *CIED 4720 (4 hours) *CIED 4734		

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students seeking licensure should demonstrate, in an official Oral Proficiency Interview, oral proficiency in their target foreign language at the advanced-low level.

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 2019.

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Secondary Education      OPTION: Mathematics**

**Minimum Overall Grade Point Average: 2.50      Total Hours: 124**  
**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENT: 38 HOURS</b>			<b>MAJOR REQUIREMENTS: 43 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113	Calculus, abstract algebra, geometry MATH 2144      MATH 2163      MATH 4403  MATH 2153      MATH 3613		
Analytical & Quantitative Thought (A)	--	MATH 2144 is included in the Major Requirements.	Differential equations, linear algebra, modern analysis, combinatorial math, number theory, financial mathematics. MATH 2233      MATH 4663      MATH 4713  MATH 3013      MATH 4013, or 4023, or 4063 or 4233, or 4453		
Humanities (H)	6	6 hours designated (H)	History and Mathematical Modeling MATH 4033 and 4583		
Natural Sciences (N)	8	Biological science – suggested: BIOL 1114 Physical science – PHYS 1114, 1214, 2014 or 2114	Statistical Methods STAT 4013 or 4023		
Social & Behavioral Sciences (S)	6	PSYC 1113; and ECON 1113 or SOC 1113	Computing Science CS 1103 or CS 1113		
Diversity (D)	--	Any course designated (D)	<b>PROFESSIONAL CORE REQUIREMENTS: 33 HOURS</b>		
International Dimension (I)	3	Any course designated (I) Recommended: SCFD 4913	Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.		
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	CIED 3313 Fall Semester *CIED 4003 (Spring) *CIED 4053 (Fall) EDTC 3123 EPSY 3213 SCFD 3223 SPED 3202		
<b>COLLEGE/DEPARTMENTAL REQUIREMENT: 10 HOURS</b>			Student Teaching – Spring Semester only *CIED 4720 (9 hours) *CIED 4724 *Full admission to Professional Education required.		
Minimum grade of "C" or "P" in each course. Required: EDUC 1111 Electives: 9 hours (5 hours may need to be Foreign Language)					
<b>Other Requirements:</b> 40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF EDUCATION**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Secondary Education      OPTION: Science**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 27 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713	<p>Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course.</p> <p><b>Select One Area:</b></p> <p><b>Biology:</b> BIOL 1114, 3023 or ANSI 3423, 3034, BOT 1404, CHEM 1314, 1515, MICR 3033, GEOL 1114 or 1224, MATH 1715 and STAT 2013, MICR 2123, 2132, PHYS 1114, ZOO 1604 and 2104 or 3204, Science electives (1 hour)</p> <p><b>Chemistry:</b> BIOC 3653; BIOL 1114; CHEM 1314, 1515, 2113, 2122, 3053, 3112, 3153, 3353; MATH 1715, 2144; PHYS 1114, 1214, STAT 2013; Science electives (5 hours: recommend CHEM 3433)</p> <p><b>Earth/Space Science:</b> ASTR 1014 and 1024, BIOL 1114, CHEM 1314, 1515, GEOG 3023 or 3033, GEOL 1114, 1224, 2254, 3103, 4213, MATH 1715, 2144, PHYS 2014, Science electives (2 hours)</p> <p><b>Physical Science:</b> ASTR 1014 or 1024, BIOL 1114, CHEM 1314, 1515, 3015, GEOG 3023 or 3033, GEOL 1114, 1224, 3014 or 3034, MATH 1715, 2144, PHYS 2014, 2114, 3323.</p> <p><b>Physics:</b> BIOL 1114, CHEM 1314, 1515, MATH 2144, 2153, 2163, 2233, PHYS 2014, 2114, 3013, 3113, 3213, 3323, 3513, 3713, 4113; Science electives (2 hours)</p>		
American History & Government	6	HIST 1103, 1483 or 1493; and POLS 1113			
Analytical & Quantitative Thought (A)	--	5 hours of (A) designated courses are included in the Major Requirements.			
Humanities (H)	6	PHIL 3933 and 3 hours any (H) designated course			
Natural Sciences (N)	--	8 hours (N) designated courses are included in the Major Requirements.			
Social & Behavioral Sciences (S)	6	PSYC 1113; and 3 hours of (S) designated course work			
Diversity (D)	--	Any course designated (D)			
International Dimension (I)	--	Any course designated (I)			
Scientific Investigation (L)	--	At least one course designated (L) is included in the major requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENT: 7 HOURS</b>					
<p>Minimum grade of "C" or "P" in each course.</p> <p>Required: EDUC 1111 and</p> <p>6 hours electives: (5 hours may need to be foreign language)</p>					

**Other Requirements:**

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation.

**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 2019.

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**COLLEGE OF EDUCATION**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE**

**MAJOR: Secondary Education**

**OPTION: Social Studies**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 124**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 22 HOURS</b>			<b>MAJOR REQUIREMENTS: 57 HOURS</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (see Academic Regulation 3.5 in Catalog) SPCH 2713	Minimum GPA <u>2.50</u> with a minimum grade of "C" in each course.	
American History & Government	--	3 hours American History and 3 hours POLS are included in Major Requirements	Economics: 6 hours: ECON 2103 and 2203 Cultural Geography: GEOG 1113 Government: 9 hours (POLS 1113 required; suggested: 2013, 2113, 3043) Oklahoma History: HIST 2323 Psychology: PSYC 1113 Sociology: SOC 1113	
Analytical & Quantitative Thought (A)	5	MATH 1483, 1493, 1513, 1613, 1715 or STAT 2013	U.S. American History: 12 hours: HIST 1483; 1493 and 6 upper-division hours of HIST (suggested: 3 hours from HIST 3613, 3623, 3653, 3673 or 3683) World History: 6 hours required: HIST 1613, 1623	
Humanities (H)	--	6 hours any (H) designated courses. Hours are included in the Major Requirements.	Choose one of the following areas: World History and Geography: 3 hours upper-division World History (suggested: HIST 3403, 3453, 3483 or 3503) 3 hours Non-Western History - (suggested: HIST 1713) 6 hours Cultural Geography: GEOG 2253 and 3 hours upper division (suggested: GEOG 3123, 3163, 3173, or 3713)	
Natural Sciences (N)	8	8 hours designated (N), one course must have (L)	OR Sociology/Psychology 6 hours Sociology: 3 hours must be upper-division (suggested: SOC 3133, 3213, 4383) 6 hours Psychology: 3 hours must be upper-division (suggested: PSYC 3013, 3113)	
Social & Behavioral Sciences (S)	--	Hours are included in the Major Requirements		
Diversity (D)	--	Any course designated (D)		
International Dimension (I)	--	Any course designated (I) Recommended: upper division course		
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 15 HOURS</b>			<b>PROFESSIONAL CORE REQUIREMENTS: 30 HOURS</b>	
Minimum grade of "C" or "P" in each course. Required: EDUC 1111 and RMTR 2443 11 hours elective (5 hours may need to be foreign language) Recommended: ANTH 3353, 4883; CIED 4473			Minimum GPA <u>2.50</u> with a minimum grade of "C" or "P" in each course. CIED 3313 *CIED 4713 (Semester prior to Student Teaching) EDTC 3123                      SCFD 3223 EPSY 3213                      SPED 3202 Student Teaching – Spring Semester only *CIED 4720 (9 hours)            *CIED 4724  *Full admission to Professional Education required.	

Other Requirements:

40 hours of upper-division course work. Required for graduation and recommendation for Standard Certification: (1) 2.50 overall GPA; (2) 2.50 GPA in Major Requirements; and (3) 2.50 GPA in Professional Core Requirements. The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and Professional Core Requirements and must earn grades of "P" in all sections of observation courses and student teaching for recommendation for Certification. Students must demonstrate proficiency in a foreign language at the novice high level from among those languages identified by the Oklahoma Commission for Teacher Preparation. For teacher certification, students must successfully complete OSAT (017), "U.S. History/OK History/Government/Economics". Students may also take OSAT (018), *World History/Geography* and/or OSAT (032) *"Psychology/Sociology"* to add additional certification areas.

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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DEAN

SCHOOL HEAD

# College of Engineering, Architecture & Technology

## **Bachelor of Science in Aerospace Engineering**

EN-1 - Aerospace Engineering

## **Bachelor of Science in Biosystems Engineering**

EN-2 - Biosystems Engineering - *Biomechanical*

EN-3 - Biosystems Engineering - *Bioprocessing and Biotechnology*

EN-4 - Biosystems Engineering - *Environment and Natural Resources*

EN-5 - Biosystems Engineering - *Food Processing*

## **Bachelor of Science in Chemical Engineering**

EN-6 - Chemical Engineering

EN-7 - Chemical Engineering - *Biomedical / Biochemical*

EN-8 - Chemical Engineering - *Environmental*

EN-9 - Chemical Engineering - *Pre-Medical*

## **Bachelor of Science in Civil Engineering**

EN-10 - Civil Engineering

EN-11 - Civil Engineering - *Environmental*

## **Bachelor of Science in Computer Engineering**

EN-12 - Computer Engineering

## **Bachelor of Science in Electrical Engineering**

EN-13 - Electrical Engineering

## **Bachelor of Science in Industrial Engineering and Management**

EN-14 - Industrial Engineering and Management

## **Bachelor of Science in Mechanical Engineering**

EN-15 - Mechanical Engineering

EN-16 - Mechanical Engineering - *Biomedical Engineering*

EN-17 - Mechanical Engineering - *Pre-Medical*

## **Bachelor of Architecture**

EN-18 - Architecture

## **Bachelor of Science in Architectural Engineering**

EN-19 - Architectural Engineering - *Structures*

## **Bachelor of Science in Engineering Technology**

EN-20 - Construction Management Technology - *Building*

EN-21 - Construction Management Technology - *Heavy*

EN-22 - Electrical Engineering Technology

EN-23 - Electrical Engineering Technology - *Computer*

EN-24 - Fire Protection and Safety Technology

EN-25 - Mechanical Engineering Technology



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in AEROSPACE ENGINEERING**

**MAJOR: Aerospace Engineering**

**Total Hours: 127**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 32 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 12 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	Engineering Science	3	ENSC 3313
American History & Government	6	HIST 1103, POLS 1113	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Social & Behavioral Sciences (S)	6	Any courses designated (S).
Humanities (H)	6	Any courses designated (H).	<b>SPECIFIC PROFESSIONAL SCHOOL: 49 HOURS</b> Admitted to Professional School of Mechanical and Aerospace Engineering.		
Natural Sciences (N)	4	<u>CHEM 1414 or 1515</u>			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	43 credit hours as follows:		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	MAE 3013, 3033, 3113, 3253, 3293, 3323, 3403, 3723, 4223, 4243, 4283, 4374, 4513,		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	IEM 3503		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS</b>			6 credit hours must be selected from:		
Basic Science	11	<u>PHYS 2014, 2114</u> and select from: ASTR 1014, 1024, BIOL 1114, CHEM 3053, GEOL 1114, 3413, PHYS 3213, 3313, 3713	MAE 3123, 3223, 3233, 4053, 4063, 4273, 4333, 4363, 4733, 4213 (with at least 3 hours selected from the 4000-level courses)		
Engineering	5	<u>ENGR 1111, 1332, 1412</u>			
Engineering Science	18	<u>ENSC 2113, 2123, 2143, 2213, 2613, 3233</u>			

Admission to Professional School (required):

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

Graduation Requirements:

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A minimum overall GPA of 2.00 is required in 4000-level MAE prefix courses.
3. A 'C' or better is required in each course that is a prerequisite for a major course.
4. The major engineering design experience, capstone course, is satisfied by MAE 4374.

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 2019.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

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Department Head



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

**Requirements for Students Matriculating in or before Academic Year 2013-2014**

**BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING**

**MAJOR: Biosystems Engineering**

**OPTION: Biomechanical**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 133**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 42 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	6	<u>ENGL 1113 or 1313</u> , 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	Mathematics	3	STAT 2013, 2023, or 2053
American History & Government	6	HIST 1103, POLS 1113	Engineering Science	3	ENSC 2613
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Engineering Economics	3	IEM 3503
Natural Sciences (N)	4	<u>CHEM 1414</u>	Biosystems Engineering	21	BAE 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	6	Any courses designated (S).
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Humanities (H)	6	Any courses designated (H).
Scientific Investigation (L)	--	Any course designated (L). Met by the CHEM 1414 requirement.	<b>SPECIFIC PROFESSIONAL SCHOOL: 22 HOURS</b> <i>Admitted to Professional School of Biosystems Engineering.</i>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 40 HOURS</b>					
Basic Science	12	<u>BIOL 1114, PHYS 2014, 2114</u>	Biosystems Engineering	4	BAE 4224
Engineering	4	ENGR 1332, 1412	Material Science	3	ENSC 3313
Engineering Science	15	ENSC 2113, 2123, 2143, 2213, 3233 <u>Complete ENSC 2113, 3233, and 2 other ENSC courses prior to admission to Professional School.</u>	Controlled Electives	15	Engineering and/or science electives to be selected from an approved list upon consultation with an advisor.
Biosystems Engineering	9	BAE 1012, 1022, <u>2012, 2023</u>			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A 'C' or better is required in each course that is a prerequisite for a major course.
3. The major engineering design experience is satisfied by 4012 and 4023.

**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 2019.

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

Signature on file in the Office of the Registrar

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Dean

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Department Head



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING**

**MAJOR: Biosystems Engineering**

**OPTION: Bioprocessing & Biotechnology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 133**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 32 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 42 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	6	<u>ENGL 1113 or 1313, 1213 or 1413</u> (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	Mathematics	3	STAT 2013, 2023, or 2053
American History & Government	6	HIST 1103, POLS 1113	Engineering Science	6	ENSC 2143, 2613
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Engineering Economics	3	IEM 3503
Natural Sciences (N)	4	<u>CHEM 1414</u>	Biosystems Engineering	21	BAE 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Social & Behavioral Sciences(S)	3	Any course designated (S).	Social & Behavioral Sciences(S)	3	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Humanities (H)	6	Any courses designated (H).
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<b>SPECIFIC PROFESSIONAL SCHOOL: 22 HOURS</b> <i>Admitted to Professional School of Biosystems Engineering.</i>		
Scientific Investigation (L)	--	Any course designated (L). Met by the CHEM 1414 requirement.	Biosystems Engineering	3	BAE 4283
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 37 HOURS</b>			Microbiology	5	MICR 2123, 2132
Basic Science	12	<u>BIOL 1114, PHYS 2014, 2114</u>	Organic Chemistry	3	CHEM 3013
Engineering	4	ENGR 1322, 1412	Biochemistry	3	BIOC 3653
Biosystems Engineering	9	BAE 1012, 1022, <u>2012, 2023</u>	Biochemistry Lab	3	BIOC 3723
Engineering Science	12	ENSC 2113, 2123, 2213, 3233 <u>Complete ENSC 2113, 3233, and 2 other ENSC courses prior to admission to Professional School.</u>	Controlled Electives	5	Engineering and/or science electives to be selected from an approved list upon consultation with an advisor.

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A 'C' or better is required in each course that is a prerequisite for a major course.
3. The major engineering design experience is satisfied by 4012 and 4023.

**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 2019.

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

## BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING

**MAJOR: Biosystems Engineering**

**OPTION: Environmental and Natural Resources**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 133**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSE: 32 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 42 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	6	<u>ENGL 1113 or 1313</u> , 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	Mathematics	3	STAT 2013, 2023, or 2053
American History & Government	6	HIST 1103, POLS 1113	Engineering Science	6	ENSC 2143, 2613
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Engineering Economics	3	IEM 3503
Humanities (H)	3	Any course designated (H).			
Natural Sciences (N)	4	<u>CHEM 1414</u>	Biosystems Engineering	21	BAE 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	6	Any courses designated (S).
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Humanities (H)	3	Any course designated (H).
Scientific Investigation (L)	--	Any course designated (L). Met by the CHEM 1414 requirement.	<b>SPECIFIC PROFESSIONAL SCHOOL: 21 HOURS</b> <i>Admitted to Professional School of Biosystems Engineering.</i>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 38 HOURS</b>			Biosystems Engineering	3	BAE 4313
Basic Science	12	<u>BIOL 1114, PHYS 2014, 2114</u>	Ecology	4	BIOL 3034
Engineering	4	ENGR 1322, 1412	Organic Chemistry	3	CHEM 3013
Biosystems Engineering	9	BAE 1012, 1022, <u>2012, 2023</u>	Controlled Electives	11	Engineering and/or science electives to be selected from an approved list upon consultation with an advisor.
Soil Science	4	SOIL 2124			
Engineering Science	9	ENSC 2113, 2213, 3233 <u>Complete ENSC 2113, 3233, and 2 other ENSC courses prior to admission to Professional School.</u>			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A 'C' or better is required in each course that is a prerequisite for a major course.
3. The major engineering design experience is satisfied by 4012 and 4023.

**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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# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BIOSYSTEMS ENGINEERING**

**MAJOR: Biosystems Engineering**

**OPTION: Food Processing**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 133**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 32 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 42 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	6	<u>ENGL 1113 or 1313</u> , 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	Mathematics	3	STAT 2013, 2023, or 2053
American History & Government	6	HIST 1103, POLS 1113	Engineering Science	6	ENSC 2143, 2613
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163</u> , 2233	Engineering Economics	3	IEM 3503
Social & Behavioral Sciences (S)	3	Any course designated (S).			
Natural Sciences (N)	4	<u>CHEM 1414</u>	Biosystems Engineering	21	BAE 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S).
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Humanities (H)	6	Any courses designated (H).
Scientific Investigation (L)	--	Any course designated (L). Met by the CHEM 1414 requirement.	<b>SPECIFIC PROFESSIONAL SCHOOL: 22 HOURS</b> <i>Admitted to Professional School of Biosystems Engineering.</i>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 37 HOURS</b>					
Basic Science	12	<u>BIOL 1114, PHYS 2014, 2114</u>	Biosystems Engineering	3	BAE 4413
Engineering	4	ENGR 1322, 1412	Organic Chemistry	3	CHEM 3013
Biosystems Engineering	9	BAE 1012, 1022, <u>2012, 2023</u>	Microbiology	5	MICR 2123, 2132
Engineering Science	12	ENSC 2113, 2123, 2213, 3233 <u>Complete ENSC 2113, 3233, and 2 other ENSC courses prior to admission to Professional School.</u>	Controlled Electives	11	Engineering and/or science electives to be selected from an approved list upon consultation with an advisor.

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A 'C' or better is required in each course that is a prerequisite for a major course.
3. The major engineering design experience is satisfied by 4012 and 4023.

**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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Dean

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# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in CHEMICAL ENGINEERING**

**MAJOR: Chemical Engineering**

**Total Hours: 130**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 33 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 23 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113</u> or 1313	Engineering	2	CHE 4990
American History & Government	6	HIST 1103, POLS 1113	Engineering Science	9	ENSC 2143, 2613, 3313
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u> or 3263	Advanced Chemical Science	3	From ANSI 3423, BIOC 3653, 3723, 4113, BIOL 3023, CHEM 3353, 3553, 4020, FDSC 3373, 4473, GEOL 4403, MICR 3033 or similar advanced chemical transformation of matter courses approved by school advisors.
Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements.			
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.			
Natural Sciences (N)	5	<u>CHEM 1515</u>	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	<b>SPECIFIC PROFESSIONAL SCHOOL: 34 HOURS</b> Admitted to Professional School of Chemical Engineering.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS</b>			Chemistry	3	CHEM 3433
Mathematics	3	STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073	Chemical Engineering	31	CHE 3013, 3113, 3123, 3333, 3473, 4002, 4112, 4124, 4224, 4581, 4843
Basic Science	8	<u>PHYS 2014, 2114</u>			
Engineering	3	ENGR 1111, <u>1412</u>	<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Engineering Science	9	ENSC 2113, <u>2213, 3233</u>	Complete 6 credits of restricted electives. See school policy and approved course list. CHE advisor must approve.		
Chemical Engineering	3	<u>CHE 2033</u>			
Chemistry	8	<u>CHEM 3053, 3112, 3153</u> . The combination of BIOC 3653 and 3723 may be substituted for the combination of CHEM 3112 & 3153.			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in all CHE, CHEM, ENGR, and ENSC coursework.
2. The major engineering design experience, capstone course, is satisfied by CHE 4124 and 4224.

**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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**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in CHEMICAL ENGINEERING**

**MAJOR: Chemical Engineering**

**OPTION: Biomedical/Biochemical**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 134**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 30 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 57 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	Chemical Engineering	31	CHE 3013, 3113, 3123, 3333, 3473, 4002, 4112, 4124, 4224, 4581, 4843
American History	3	HIST 1103	Chemistry	3	CHEM 3433
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233 or 3263</u>	Engineering	2	CHE 4990
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.	Engineering Science	9	ENSC 2143, 2613, 3313
Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements. Must include PHIL 3823 or equivalent with Chemical Advisor approval.	Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements. Must include PHIL 3823 or equivalent with Chemical Advisor approval.
Natural Sciences (N)	5	<u>CHEM 1515</u>	American Government	3	POLS 1113
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	<b>CONTROLLED ELECTIVES: 9 HOURS</b>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 38 HOURS</b>			Advanced Chemical Science	3	From ANSI 3423, BIOC 3653, 3723, 4113, BIOL 3023, CHEM 3153, 3353, 3553, 4020, FDSC 3373, 4473, GEOL 4403, MICR 3033
Mathematics	3	STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073			
Basic Science	12	<u>PHYS 2014, 2114</u> , BIOL 1114			
Engineering	3	ENGR 1111, <u>1412</u>	Bioengineering/ Bioscience Electives	6	BAE 3113, 3423, 4423 BIOC 3653, 4113, 4224, 5824 BIOL 3023 CHE 4283, 4293, 5283, 5293 MICR 2123 & 2132, 3033 ZOO 1604
Engineering Science	9	ENSC 2113, <u>2213, 3233</u>			
Chemical Engineering	3	<u>CHE 2033</u>			
Chemistry	8	<u>CHEM 3053, 3112, 3153</u> The combination of CHEM 3112 and 3153 may be replaced with the combination of BIOC 3653 and 3723.			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in all CHE, CHEM, ENGR, and ENSC coursework.
2. The major engineering design experience, capstone course, is satisfied by CHE 4124 and 4224.

**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 2019.

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Dean

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Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

## BACHELOR of SCIENCE in CHEMICAL ENGINEERING

**MAJOR: Chemical Engineering**

**OPTION: Environmental**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 133**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 33 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 23 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	Engineering	2	CHE 4990
American History & Government	6	HIST 1103, POLS 1113	Engineering Science	9	ENSC 2143, 2613, 3313
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163; 2233 or 3263</u>	Advanced Chemical Science	3	From ANSI 3423, BIOC 3653, BIOL 3023, CHEM 3353, 3553, 4020, GEOL 4403, FDSC 3373, MICR 3033 or similar advanced chemical transformation of matter courses approved by school advisor.
Social & Behavioral Sciences (S)	3	Select from ECON 3903, GEOG 3153, POLS 4363, 4593, SOC 4433. Consult the college & departmental requirements.			
Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements.	Humanities (H)	3	Any course designated (H). Consult the college & departmental requirements.
Natural Sciences (N)	5	<u>CHEM 1515</u>	Social & Behavioral Sciences (S)	3	Select from ECON 3903, GEOG 3153, POLS 4363, 4593, SOC 4433. Consult the college & departmental requirements.
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<b>SPECIFIC PROFESSIONAL SCHOOL: 37 HOURS</b> Admitted to Professional School of Chemical Engineering.		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Chemical Engineering	34	CHE 3013, 3113, 3123, 3333, 3473, 4002, 4112, 4124, 4224, 4343, 4581, 4843
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS</b>			<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Mathematics	3	STAT 2013, 2023, 2053, 4013, 4033, 4053 or 4073	Chemistry	3	CHEM 3433
Basic Science	8	<u>PHYS 2014, 2114</u>	Select 6 credit hours from: BIOC 3543, BIOL 3033, BOT 3253, CHE 5873, CIVE 3813, 4833, 5833, 5843, 5943, ECON 5013, GEOL 4453, 4463, IEM 4943, ZOO 3143, 4303, or other 3000 (or higher) environmental-related course.		
Engineering	3	<u>ENGR 1111, 1412</u>			
Engineering Science	9	<u>ENSC 2113, 2213, 3233</u>			
Chemical Engineering	3	<u>CHE 2033</u>			
Chemistry	8	<u>CHEM 3053, 3112, 3153</u> The combination of CHEM 3112 and 3153 may be replaced with the combination of BIOC 3653 and 3723.			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in all CHE, CHEM, ENGR, and ENSC coursework.
2. The major engineering design experience, capstone course, is satisfied by CHE 4124 and 4224.

**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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# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in CHEMICAL ENGINEERING**

**MAJOR: Chemical Engineering**

**OPTION: Pre-medical**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 135**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 30 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 60 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	Mathematics	3	STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073
American History	3	HIST 1103	Chemical Engineering	31	CHE 3013, 3113, 3123, 3333, 3473, 4002, 4112, 4124, 4224, 4581, 4843
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163; 2233 or 3263</u>	Chemistry	3	CHEM 3433
Social & Behavioral Sciences (S) <sup>2</sup>	3	Any course designated (S). Consult the college & departmental requirements.	Engineering	2	CHE 4990
Humanities (H) <sup>1</sup>	3	Any course designated (H). Consult the college & departmental requirements.	Engineering Science	9	ENSC 2143, 2613, 3313
Natural Sciences (N)	5	<u>CHEM 1515</u>	Humanities (H) <sup>1</sup>	3	Any course designated (H). Consult the college & departmental requirements.
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	American Government	3	POLS 1113
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S) <sup>2</sup>	3	Any course designated (S). Consult the college & departmental requirements.
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 39 HOURS</b>			<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Basic Science	16	<u>PHYS 2014, 2114</u> , BIOL 1114, ZOO 1604	Advanced Chemical Science	3	BIOC 3023 or MICR 3033
Engineering	3	ENGR 1111, <u>1412</u>			
Engineering Science	9	ENSC 2113, <u>2213, 3233</u>	Bioengineering/ Bioscience Electives	3	CHE 4283, 4293, 5283, 5293 preferred, or with approval of an advisor, from BAE 3113, 3423, 4423, BIOC 3653, 4113, 4224
Chemical Engineering	3	<u>CHE 2033</u>			
Chemistry	8	<u>CHEM 3053, 3112, 3153</u>			

1: Humanities courses - should select one from ENGL and one ART, ENGL, FLL, MUSI, PHIL or TH to also meet medical school requirements.

2: Social & Behavioral Sciences courses – should select from ANTH, PSYC, or SOC to also meet medical school requirements.

Admission to Professional School (required):

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

Graduation Requirements:

1. A minimum GPA of 2.00 is required in all CHE, CHEM, ENGR, and ENSC coursework.

2. The major engineering design experience, capstone course, is satisfied by CHE 4124 and 4224.

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 2019.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

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Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in CIVIL ENGINEERING**

**MAJOR: Civil Engineering**

**Total Hours: 136**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 32 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 18 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113</u> or 1313*	Mathematics	3	STAT 4073
American History & Government	6	HIST 1103; POLS 1113	Engineering Science	3	ENSC 3233
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Basic Science Group II	3	Take one of the following OR another from Group 1: CHEM 2113, 3053, PHYS 3013, 3313, 3513, MATH 3013, 4013, 4233
Humanities (H)	3	Courses designated (H).	English Composition & Oral Communication	3	ENGL 3323*
Natural Sciences (N)	4	<u>CHEM 1414</u> or 1515	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Social & Behavioral Sciences (S)	3	SPCH 2713	Humanities (H)	3	Courses designated (H).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<b>SPECIFIC PROFESSIONAL SCHOOL: 38 HOURS</b> Admitted to Professional School of Civil Engineering.		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Civil Engineering	35	CIVE 3413, 3513, 3523, 3623, 3633, 3714, 3833, 3843, 4041, 4043, 4273, 4833
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 39 HOURS</b>			Industrial Engineering & Management	3	IEM 3503
Basic Science	8	<u>PHYS 2014, 2114</u>	<b>CONTROLLED ELECTIVES: 9 HOURS</b>		
Basic Science Group I	3	BIOL 1114, GEOG 2343, GEOL 1114, 4453, SOIL 2124	9 semester hours of 4000- and 5000-level courses in Civil Engineering not required in the curriculum.		
Engineering	5	<u>ENGR 1111, 1322, 1412</u>			
Engineering Science	15	ENSC 2113, 2123, 2143, 2213, 2613 <u>Complete ENSC 2113, 2143, and 2 other ENSC courses prior to admission to Professional School.</u>			
Civil Engineering	8	CIVE 2041, 3614, 3813			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column).
2. A 'C' or better is required in each course that is a prerequisite for a CIVE course.
3. The major engineering design experience, capstone course, is satisfied by CIVE 4043 or 4143 or 5383.

**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 2019.

\* If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in CIVIL ENGINEERING**

**MAJOR: Civil Engineering**

**OPTION: Environmental**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 137**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 21 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313*</u>	Mathematics	3	STAT 4073
American History & Government	6	HIST 1103; POLS 1113	Engineering Science	3	ENSC 3233
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Basic Science	3	BIOC 2344, CHEM 2113, 3053, BIOL 1114, GEOG 2343, GEOL 1114, or SOIL 2124
Natural Sciences (N)	4	<u>CHEM 1414 or 1515</u>	English Composition & Oral Communication	3	ENGL 3233*
Social & Behavioral Sciences (S)	3	SPCH 2713	Humanities (H)	6	Courses designated (H).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<b>SPECIFIC PROFESSIONAL SCHOOL: 38 HOURS</b> Admitted to Professional School of Civil Engineering.		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Civil Engineering	35	CIVE 3413, 3523, 3623, 3633, 3714, 3833, 3843, 3853, 4041, 4143, 4273, 4833
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 40 HOURS</b>			Industrial Engineering & Management	3	IEM 3503
Basic Science	12	<u>PHYS 2014, 2114</u> and one of BIOC 2344 or BIOL 1114	<b>CONTROLLED ELECTIVES: 9 HOURS</b>		
Engineering	5	<u>ENGR 1111, 1322, 1412</u>	Select from: CIVE 5010, 5013, 5023, 5123, 5823, 5833, 5853, 5863, 5873, 5883, 5933, 5953, 5983, 5993		
Engineering Science	15	ENSC 2113, 2123, 2143, 2213, 2613 <u>Complete ENSC 2113, 2143, and 2 other ENSC courses prior to admission to Professional School.</u>			
Civil Engineering	8	CIVE 2041, 3614, 3813			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column).
2. A 'C' or better is required in each course that is a prerequisite for a CIVE course.
3. The major engineering design experience, capstone course, is satisfied by CIVE 4143.

**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 2019.

\* If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

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Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

## BACHELOR of SCIENCE in COMPUTER ENGINEERING

**MAJOR: Computer Engineering**

**Total Hours: 126**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113</u> or 1313*	Mathematics	3	MATH 3013
American History & Government	6	HIST 1103, POLS 1113	English Composition & Oral Communication	3	ENGL 3323*
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Natural Sciences (N)	4	<u>CHEM 1414</u> or 1515	Humanities (H)	6	Any courses designated (H).
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.	<b>SPECIFIC PROFESSIONAL SCHOOL: 45 HOURS</b> Admitted to Professional School of Electrical and Computer Engineering.		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Electrical & Computer Engineering	33	ECEN 3314, 3513, 3613, 3714, 4013, 4024, 4213, 4243, 4303, 4503
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Computer Science	6	CS 4323, 4343
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Industrial Engineering & Management	3	IEM 3503
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS</b>			Elective	3	Select from combinations on the departmentally approved list and approved by advisor.
Basic Science	11	<u>PHYS 2014, 2114, 3313</u>			
Engineering	3	<u>ENGR 1111, 1342</u>	<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
Engineering Science	6	<u>ENSC 2613, 3213</u>	Select from:		
Computer Science	10	<u>CS 1113, 2133, 2351, 3653</u>	ENSC 2113, 2123, 2143, 2213 or engineering courses 3000-level and above.		
Electrical & Computer Engineering	4	<u>ECEN 2011, 3233</u>	Other courses such as MATH, CS, STAT, etc., may be approved by advisor.		

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in all courses applied to Professional School coursework (right hand column above).
2. A minimum GPA of 2.20 is required in all courses applied to Specific Professional School.
3. The major engineering design experience, capstone course, is satisfied by ECEN 4013 and 4024.

**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 2019.

\* If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ELECTRICAL ENGINEERING**

**MAJOR: Electrical Engineering**

**Total Hours: 125**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313*</u>	Mathematics	3	MATH 3013
American History & Government	6	HIST 1103, POLS 1113	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	English Composition & Oral Communication	3	ENGL 3323*
Natural Sciences (N)	4	<u>CHEM 1414 or 1515</u>	Humanities (H)	6	Any courses designated (H).
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & departmental requirements.	<b>SPECIFIC PROFESSIONAL SCHOOL: 45 HOURS</b> Admitted to Professional School of Electrical and Computer Engineering.		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Electrical & Computer Engineering	21	ECEN 3314, 3513, 3714, 4013, 4024, 4503
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Industrial Engineering & Management	3	IEM 3503
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	ECEN Junior Electives	6	Choose two courses from the following group based on combinations from the departmentally approved list, and with advisor approval. ECEN 3113, 3613, 3723, 3913
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 33 HOURS</b>					
Basic Science	11	<u>PHYS 2014, 2114, 3313</u>	ECEN Electives	15	Choose five ECEN or other courses selected from combinations on the departmentally approved list, including optionally one or more courses listed, but not taken in (2) above, and with advisor approval.
Engineering	3	<u>ENGR 1111, 1342</u>			
Engineering Science	9	<u>ENSC 2113, 2613, 3213</u>			
Computer Science	6	<u>CS 1113 and 3 hours from CS 2133 or 2433</u>	<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
Electrical & Computer Engineering	4	<u>ECEN 2011, 3233</u>	Select from the following technical electives: ENSC 2123, 2143, 2213, or engineering courses 3000-level and above; other courses such as MATH, CS, STAT, etc., may be approved by advisor.		

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in all courses applied Professional School coursework (right hand column above).
2. A minimum GPA of 2.20 is required in all courses applied to Specific Professional School.
3. The major engineering design experience, capstone course, is satisfied by ECEN 4013 and 4024.

**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 2019.

\* If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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Department Head





# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in INDUSTRIAL ENGINEERING and MANAGEMENT**

**MAJOR: Industrial Engineering and Management**

**Total Hours: 126**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 36 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313*</u>	Engineering Science	6	ENSC 3313 and select from 2123, 2143, 2213, 2613, 3213 or 3233
American History & Government	6	HIST 1103, POLS 1113	Humanities (H)	6	Any courses designated (H).
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153</u> , 2163, 3263	English Composition & Oral Communication	3	ENGL 3323*.
Natural Science (N)	8	<u>CHEM 1414, PHYS 2014</u>	<b>SPECIFIC PROFESSIONAL SCHOOL: 45 HOURS</b> Admitted to Professional School of Industrial Engineering and Management.		
Social & Behavioral Sciences (S)	6	SPCH 2713 and any course designated (S). Consult the college & departmental requirements.	Industrial Engineering & Management	42	IEM 3303, 3403, 3503, 3523, 3813, 4013, 4103, 4113, 4203, 4413, 4613, 4713, 4723, 4913
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.		3	Select one course from: IEM 4163, 4323, 4733, 4823, 4953, 4990 (3)
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 27 HOURS</b>			<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
Basic Science	4	PHYS 2114	3 semester hours of a 3000- or 4000-level ACCT, BADM, CS, ECON, EEE, Engineering, FIN, LSB, MATH, MGMT, MKTG, MSIS, or STAT selected in consultation with an advisor. Required courses in IEM curriculum are excluded.		
Engineering	5	<u>ENGR 1111, 1322 or 1332, 1412</u>			
Engineering Science	9	<u>ENSC 2113</u> and select from 2123, 2143, 2213, 2613, 3213 or 3233			
Industrial Engineering & Management	9	IEM 2903, 3103, 3703			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in all courses applied to Professional School coursework (right hand column above).
2. A 'C' or better is required in each course that is a prerequisite for an IEM course and in technical courses listed in the left column, whether taken prior to admission to Professional School or not.
3. The major engineering design experience is satisfied by IEM 4913.

**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 2019.

\*If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in MECHANICAL ENGINEERING**

**MAJOR: Mechanical Engineering**

**Total Hours: 124**

**Minimum Overall Grade Point Average: 2.00**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	Engineering Science	3	ENSC 3313
American History & Government	6	HIST 1103, POLS 1113	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Social & Behavioral Sciences (S)	6	Any courses designated (S).
Humanities (H)	3	Any course designated (H).	Humanities (H)	3	Any course designated (H).
Natural Sciences (N)	4	<u>CHEM 1414 or 1515</u>	<b>SPECIFIC PROFESSIONAL SCHOOL: 46 HOURS</b> Admitted to Professional School of Mechanical and Aerospace Engineering.		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	27 credit hours as follows:		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	MAE 3013, 3033, 3113, 3223, 3233, 3323, 3403, 3723, IEM 3503		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	13 credit hours from the following 4 categories, selecting one course from each category so that all 4 categories are represented.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 34 HOURS</b>			<u>Category I</u> (Thermal Systems Realization) MAE 4243, 4263, 4703, 4713		
Basic Science	11	PHYS 2014, 2114 and select from: ASTR 1014, 1024, BIOL 1114, CHEM 3053, GEOL 1114, 3413, PHYS 3213, 3313, 3713	<u>Category II</u> (Mechanical Systems Realization) MAE 4353, 4363, 4513		
			<u>Category III</u> (Laboratory) MAE 4273, 4333, 4733		
Engineering	5	<u>ENGR 1111, 1332, 1412</u>	<u>Category IV</u> (Capstone Design) MAE 4344, 4354		
Engineering Science	18	<u>ENSC 2113, 2123, 2143, 2213, 2613, 3233</u>	6 credit hours to be selected from the following list, or from courses in the 4 categories listed above, but not used to satisfy the category requirement. MAE 3123, 3253, 3293, 4053, 4063, 4313, 4623		

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A minimum overall GPA of 2.00 is required in 4000-level MAE prefix courses.
3. A 'C' or better is required in each course that is a prerequisite for a major course.
4. The major engineering design experience, capstone course, is satisfied by MAE 4344 or MAE 4354.

**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 2019.

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

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Dean

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Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in MECHANICAL ENGINEERING**

**MAJOR: Mechanical Engineering**

**OPTION: Biomedical Engineering**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 132**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 29 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	Engineering Science	3	ENSC 3313
American History & Government	6	HIST 1103; POLS 1113	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Social & Behavioral Sciences (S)	6	Any course designated (S). Consult the college & departmental requirements.
Humanities (H)	3	Courses designated (H).	Humanities (H)	3	Courses designated (H).
Natural Sciences (N)	4	<u>CHEM 1414 or 1515</u>	<b>SPECIFIC PROFESSIONAL SCHOOL: 53 HOURS</b> Admitted to Professional School of Mechanical and Aerospace Engineering.		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	37 credit hours as follows: MAE 3013, 3033, 3113, 3223, 3233, 3323, 3403, 3723, 4623, CHE 4293, IEM 3503, ZOOL 3204		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	13 credit hours from the following 4 categories, selecting one course from each category so that all 4 categories are represented. <u>Category I</u> (Thermal Systems Realization) MAE 4243, 4263, 4703, 4713		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	<u>Category II</u> (Mechanical Systems Realization) MAE 4353, 4363, 4513		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 35 HOURS</b>			<u>Category III</u> (Laboratory) MAE 4273, 4333, 4733		
Basic Science	12	<u>PHYS 2014, 2114</u> BIOL 1114	<u>Category IV</u> (Capstone Design) MAE 4344, 4354		
Engineering	5	<u>ENGR 1111, 1332, 1412</u>	3 credit hours to be selected from the following list; or from courses in the 4 categories listed above, but not used to satisfy the category requirement.		
Engineering Science	18	<u>ENSC 2113, 2123, 2143, 2213, 2613, 3233</u>	MAE 3123, 3253, 3293, 4053, 4063, 4313		

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A minimum overall GPA of 2.00 is required in 4000-level MAE prefix courses.
3. A 'C' or better is required in each course that is a prerequisite for a major course.
4. The major engineering design experience, capstone course, is satisfied by MAE 4344 or MAE 4354.

**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 2019.

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

Signature on file in the Office of the Registrar

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Dean

\_\_\_\_\_  
Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in MECHANICAL ENGINEERING**

**MAJOR: Mechanical Engineering**

**OPTION: Pre-Medical**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 141**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 27 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses must be completed prior to admission to professional school.</i>			<b>COMMON PROFESSIONAL SCHOOL: 15 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	<u>ENGL 1113 or 1313</u>	English Composition & Oral Communication	3	ENGL 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)
American History & Government	6	HIST 1103, POLS 1113	Social & Behavioral Sciences (S)	6	3 hours designated (S) from PSYC* or SOC*. 3 hours designated (S).
Analytical & Quantitative Thought (A)	13	<u>MATH 2144, 2153, 2163, 2233</u>	Humanities (H)	6	Any courses designated (H).
Natural Sciences (N)	5	<u>CHEM 1414 or 1515</u>	<b>SPECIFIC PROFESSIONAL SCHOOL: 54 HOURS</b> Admitted to Professional School of Mechanical and Aerospace Engineering.		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	35 credit hours as follows: MAE 3013, 3033, 3113, 3223, 3233, 3323, 3403, 3723, CHEM 3112, 3153, IEM 3503, MICR 3033		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	13 credit hours from the following 4 categories, selecting one course from each category so that all 4 categories are represented.		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	<u>Category I</u> (Thermal Systems Realization) MAE 4243, 4263, 4703, 4713 <u>Category II</u> (Mechanical Systems Realization) MAE 4353, 4363, 4513 <u>Category III</u> (Laboratory) MAE 4273, 4333, 4733 <u>Category IV</u> (Capstone Design) MAE 4344, 4354		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 45 HOURS</b>					
Basic Science	19	BIOL 1114, <u>PHYS 2014, 2114</u> , CHEM 3053, ZOOL 1604	6 credit hours to be selected from the following list, or from courses in the 4 categories listed above, but not used to satisfy the category requirement. MAE 3123, 3253, 3293, 4053, 4063, 4313, 4623		
Engineering	5	<u>ENGR 1111, 1332, 1412</u>	The following are suggested, but not required: BIOC 3653, BIOL 3024, CLML 3014, ZOOL 3114, 3204, 4215. CHEM 1314 is recommended with CHEM 1515 to meet the Oklahoma medical schools' requirement for 9 hours of inorganic chemistry. The entrance requirements of medical schools of choice should be reviewed to ensure an application is competitive.		
Engineering Science	21	<u>ENSC 2113, 2123, 2143, 2213, 2613, 3233, 3313</u>			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A minimum GPA of 2.00 is required in Professional School coursework (right hand column above).
2. A minimum overall GPA of 2.00 is required in 4000-level MAE prefix courses.
3. A 'C' or better is required in each course that is a prerequisite for a major course.
4. The major engineering design experience, capstone course, is satisfied by MAE 4344 or MAE 4354.

**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 2019.

**Note 1:** All General Education coursework requirements are satisfied upon completion of this degree plan.

**Note 2:** Asterisks denote medical school requirements.

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Dean

Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of ARCHITECTURE**

**MAJOR: Architecture**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 154**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 38 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>SPECIFIC PROFESSIONAL SCHOOL: 78 HOURS</b> Admitted to Professional School of Architecture. (See requirements for admission to the upper-division).		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	6	<u>ENGL 1113 or 1313, 1213 or 1413</u> (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	Architecture	63	ARCH 3116, 3134, 3216, 3223, 3252, 3262, 3263, 3323, 3433, 4093, 4116, 4123, 4216, 4263, 5117, 5193
American History & Government	6	HIST 1103, POLS 1113			
Analytical & Quantitative Thought (A)	7	<u>MATH 2144, ENSC 2113</u>			
Natural Sciences (N)	7	<u>PHYS 1114 or 2014</u> and 3 hours designated (N).			
Humanities (H)	3	<u>ARCH 2003</u>	Architecture Electives	6	ARCH Electives
Social & Behavioral Sciences (S)	6	Courses designated (S), 3 hours lower division (S), 3 hours upper division (S). Consult the college & departmental requirements.	ARCH History	6	ARCH 2203 and 3 hours ARCH History
Diversity (D)	3	Any course designated (D).	Humanities (H)	3	3 hours ARCH History designated (H).
International Dimension (I)	--	ARCH 2003 meets the (I) requirement.	<b>CONTROLLED ELECTIVES: 15 HOURS</b>		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences requirement.	Select 15 credit hours of restricted electives. Must be selected from the course list available in the School of Architecture.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 23 HOURS</b>					
Architecture	23	<u>ARCH 1112, 1216, 2116, 2216, 2263</u>			

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A final grade of 'C' or better in all ARCH prefix courses, substitutions for ARCH prefix courses, and all non-ARCH prefix courses that are a prerequisite to an ARCH prefix course.
2. The capstone course for Architecture majors ARCH 5117.

**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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**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

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Department Head



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

## BACHELOR of ARCHITECTURAL ENGINEERING

**MAJOR: Architectural Engineering**

**Minimum Overall Grade Point Average: 2.00**

**OPTION: Structures**

**Total Hours: 157**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 33 HOURS</b>			<b>MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL</b>		
<i>Underlined courses identify courses that must be completed prior to admission to professional school.</i>			<b>SPECIFIC PROFESSIONAL SCHOOL: 95 HOURS</b> Admitted to Professional School of Architecture. (See requirements for admission to the upper-division).		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	6	<u>ENGL 1113</u> or 1313, 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	Architecture	56	ARCH 3116, 3143, 3223, 3224, 3252, 3323, 3442, 4093, 4123, 4134, 4143, 4224, 4263, 4433, 4444, 5226
American History & Government	6	HIST 1103, POLS 1113			
Analytical & Quantitative Thought (A)	7	<u>MATH 2144</u> , 2153	Civil Engineering	1	CIVE 4711
Humanities (H)	3	ARCH 2003	Industrial Engineering & Management	3	IEM 3503
Natural Sciences (N)	8	CHEM 1414, <u>PHYS 2014</u>	Engineering Science	12	ENSC 2123, 2213, 2613, 3233
Social & Behavioral Sciences (S)	3	Any lower division course designated (S). Consult the college & departmental requirements.	Mathematics	6	MATH 2163, 3263
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Statistics	3	STAT 4033
International Dimension (I)	--	ARCH 2003 meets the (I) requirement.	Basic Science	4	Select from: ASTR 1014, BIOL 1114, CHEM 1314, 1515, GEOG 1114, GEOL 1014, 1114
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 29 HOURS</b>			Humanities (H)	3	3 hours ARCH H/T designated (H).
Engineering Science	6	<u>ENSC 2113, 2143</u>	Natural Sciences (N)	4	PHYS 2114
Architecture	23	<u>ARCH 1112, 1216, 2116, 2216, 2263</u>	Social & Behavioral Sciences (S)	3	Any upper division course designated (S). Consult the college & departmental requirements.

**Admission to Professional School (required):**

Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

**Graduation Requirements:**

1. A final grade of 'C' or better in all ARCH prefix courses, substitutions for ARCH prefix courses, and all non-ARCH prefix courses that are a prerequisite to an ARCH prefix course.
2. The capstone course for Architectural Engineering majors is ARCH 5226.

**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 2019.

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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Dean

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Department Head



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Construction Management Technology**

**OPTION: Building**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 42 HOURS</b>			<b>MAJOR REQUIREMENTS/UPPER DIVISION</b>		
<i>Shaded courses identify courses that must be completed prior to admission to upper division.</i>			<b>SPECIFIC UPPER DIVISION: 54 HOURS</b> <i>Admitted to upper-division of the curriculum of CMT.</i>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	9	<u>ENGL 1113 or 1313</u> , 1213 or 1413 <u>SPCH 2713</u>	Communications	3	ENGL 3323
American History & Government	6	HIST 1103, POLS 1113	Specialty	38	CMT 3273, 3331, 3332, 3364, 3433, 3463, 3554, 4263, 4273, 4283, 4293, 4443, 4563
Analytical & Quantitative Thought (A)	6	<u>MATH 2123, 2133</u>			
Humanities (H)	6	Any courses designated (H).	Related Specialty	10	CIVE 3614, CMT 3323, IEM 3513
Natural Sciences (N)	12	<u>PHYS 1114, 1214</u> & 4 hours of approved Basic Natural Science. Must have laboratory.	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & department requirements.
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & department requirements.	<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Select 6 hours from the following: ARCH 3134 BCOM 3223 CIVE 3633, 5133, 5153, 5653 CMT 3633, 4050, 4333, 4533 ECON 3023, 3513, 3613 FIN 3113 LSB 3213 MGMT 3013, , 3313, 4123 MKTG 3213, 3433, 3513 PHIL 3803, 3823 SPCH 3703, 3723		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 22 HOURS</b>					
Specialty	13	<u>CMT 1214, 2253, 2263, 2343</u>			
Related Specialty	9	<u>ACCT 2103, EET 1003, GENT 2323</u>			

Admission to Upper Division (required):

1. Refer to the OSU Catalog corresponding to your matriculation date and the *Policy for Admission to the Upper Division of the Curriculum for CMT* for detailed admissions requirements.
2. Complete a minimum of 60 credit hours (from the degree plan) prior to admission to Upper Division.
3. Complete all required (shaded) courses prior to admission to Upper Division (these courses are also listed on the *Calculation Work Sheet of the CMT Application to Upper Division* form).
4. Achieve a grade of 'C' or better in the following courses: CMT 1214, 2253, 2263, ACCT 2103, PHYS 1214, GENT 2323, MATH 2123, and CMT 2343.
5. Achieve a minimum Selection GPA (SGPA) of 3.05 (from the *Calculation Work Sheet of the CMT Application to Upper Division* form). Graduation Requirements:
  1. A minimum overall GPA of 2.30 is required in all courses with engineering and engineering technology prefixes.
  2. A grade of 'C' or better is required in each course that is a prerequisite to a required course that has an engineering or engineering technology prefix.
  3. Each student is required to sit for the American Institute of Constructors Level 1 – Associate Constructors Certification Exam.

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 2019.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

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Department Head

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Director

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Dean



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Construction Management Technology**

**OPTION: Heavy**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 124**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 42 HOURS</b>			<b>MAJOR REQUIREMENTS/UPPER DIVISION</b>		
<i>Underlined courses identify courses that must be completed prior to admission to upper division.</i>			<b>SPECIFIC UPPER DIVISION: 54 HOURS</b> <i>Admitted to upper-division of the curriculum of CMT.</i>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	9	<u>ENGL 1113 or 1313</u> , 1213 or 1413 <u>SPCH 2713</u>	Communications	3	ENGL 3323
American History & Government	6	HIST 1103, POLS 1113	Specialty	38	CMT 3273, 3331, 3332, 3364, 3433, 3554, 4263, 4283, 4293, 4333, 4443, 4533, 4563
Analytical & Quantitative Thought (A)	6	<u>MATH 2123, 2133</u>			
Humanities (H)	6	Any courses designated (H).	Related Specialty	10	CIVE 3614, CMT 3323, IEM 3513
Natural Sciences (N)	12	<u>PHYS 1114, 1214</u> & 4 hours of approved Basic Natural Science. Must have laboratory.	Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & department requirements.
Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & department requirements.	<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Select 6 hours from the following: ARCH 3134 BCOM 3223 CIVE 3633, 5133, 5153, 5653 CMT 3463, 3633, 4050, 4273 ECON 3023, 3513, 3613 FIN 3113 LSB 3213 MGMT 3013, , 3313, 4123 MKTG 3213, 3433, 3513 PHIL 3803, 3823 SPCH 3703, 3723		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 22 HOURS</b>					
Specialty	13	<u>CMT 1214, 2253, 2263, 2343</u>			
Related Specialty	9	<u>ACCT 2103, EET 1003, GENT 2323</u>			

**Admission to Upper Division (required):**

1. Refer to the OSU Catalog corresponding to your matriculation date and the *Policy for Admission to the Upper Division of the Curriculum for CMT* for detailed admissions requirements.
2. Complete a minimum of 60 credit hours (from the degree plan) prior to admission to Upper Division.
3. Complete all required (shaded) courses prior to admission to Upper Division (these courses are also listed on the *Calculation Work Sheet of the CMT Application to Upper Division* form).
4. Achieve a grade of 'C' or better in the following courses: CMT 1214, 2253, 2263, ACCT 2103, PHYS 1214, GENT 2323, MATH 2123, and CMT 2343.
5. Achieve a minimum Selection GPA (SGPA) of 3.05 (from the *Calculation Work Sheet of the CMT Application to Upper Division* form).

**Graduation Requirements:**

1. A minimum overall GPA of 2.30 is required in all courses with engineering and engineering technology prefixes.
2. A grade of 'C' or better is required in each course that is a prerequisite to a required course that has an engineering or engineering technology prefix.
3. Each student is required to sit for the American Institute of Constructors Level 1 – Associate Constructors Certification Exam.

**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 2019.

**Note:** All General Education coursework requirements are satisfied upon completion of this degree plan.

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**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Electrical Engineering Technology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 37 HOURS</b>			<b>MAJOR REQUIREMENTS</b>		
Area	Hours	To be selected from:	<b>SPECIFIC REQUIREMENTS: 63 HOURS</b>		
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)	<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
American History & Government	6	HIST 1103, POLS 1113	Natural Sciences (N)	4	CHEM 1314
Analytical & Quantitative Thought (A)	11	MATH 1715, 2123, 2133	Electronics	39	EET 3113, 3124, 3264, 3354, 3524, 3533, 4314, 4363, 4654, 4833, 4843
Natural Sciences (N)	8	PHYS 1114, 1214			
Humanities (H)	3	Any course designated (H).	Related Specialty	14	GENT 3123, MGMT 3013 or IEM 3503, STAT 4033, and 5 hours from any math, science, engineering or technology course
Social & Behavioral Sciences (S)	3	SPCH 2713			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S).
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Humanities (H)	3	Any course designated (H).
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 27 HOURS</b>			Select 3 credit hours from: Foreign Language, Speech, any course from the Spears School of Business, any course designated (H), (D), (S), or (I).		
Electronics	27	EET 1104, 1244, 2303, 2544, 2635, 3254, 3363			

Graduation Requirements:

1. A minimum GPA of 2.00 is required in all courses with an EET, CHEM, MATH, or PHYS prefix.
2. A minimum grade of 'C' is required in each course that is a prerequisite to a required course.

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 2019.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

Signature on file in the Office of the Registrar

Department Head

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Director

Signature on file in the Office of the Registrar

Dean



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Electrical Engineering Technology**

**OPTION: Computer**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 130**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 34 HOURS</b>			<b>MAJOR REQUIREMENTS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>SPECIFIC REQUIREMENTS: 63 HOURS</b>		
			<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413 (3323 may be substituted for 1213, subject to Academic Regulation 3.5)			
American History & Government	6	HIST 1103, POLS 1113	Natural Sciences (N)	4	CHEM 1314
Analytical & Quantitative Thought (A)	11	MATH 1715, 2123, 2133	Electronics	31	EET 3113, 3124, 3264, 3354, 3524, 3533, 4363, 4833, 4843
Natural Sciences (N)	8	PHYS 1114, 1214	Related Specialty	11	GENT 3123, MGMT 3013 or IEM 3503, STAT 4033, and 2 hours from any math, science, engineering or technology course
Social & Behavioral Sciences (S)	3	SPCH 2713			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Computer Science	8	CS 2133 and 5 hours of upper-division CS
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S).
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Humanities (H)	6	Any courses designated (H).
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 30 HOURS</b>			<b>CONTROLLED ELECTIVES: 3 HOURS</b>		
Electronics	30	CS 1113, EET 1104, 1244, 2303, 2544, 2635, 3254, 3363	Select 3 credit hours from: Foreign Language, Speech, any course from the Spears School of Business, any course designated (H), (D), (S), or (I).		

Graduation Requirements:

1. A minimum GPA of 2.00 is required in all courses with an EET, CHEM, MATH, or PHYS prefix.
2. A minimum grade of 'C' is required in each course that is a prerequisite to a required course.

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 2019.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

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\_\_\_\_\_  
 Department Head

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Signature on file in the Office of the Registrar

\_\_\_\_\_  
 Dean

\_\_\_\_\_  
 Director



# COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Fire Protection and Safety Technology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 25 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	ENGL 1113 or 1313*	Basic Science	3	CHEM 3013
American History & Government	6	HIST 1103, POLS 1113	Mathematics	3	STAT 2013 or 4013 or 4033
Analytical & Quantitative Thought (A)	9	(MATH 1613 or 2233) or (1715 or 3263); MATH 2123 or 2144; 2133 or 2153	Specialty	28	FPST 3013, 3143, 3213, 3373 (must be taken in junior year), 4143, 4333, 4403, 4684, 4993
Natural Sciences (N)	4	CHEM 1414 or (CHEM 1314 and 1515)	Related Specialty	6	(MGMT 3013 or IEM 4413) and (IEM 3503 or 3513) (both must be taken in junior year)
Social & Behavioral Sciences (S)	3	SPCH 2713	Specialty Electives	6	Choose from AVED 4113, CIVE 3813, CMT 4443, ECON, 3903, ENGR 4123, ENSC courses not used elsewhere, FPST courses not used elsewhere, GENT 4433, HHP 2323, 2603(S), 3613, IEM 5943, POLS 3733, 3813, 3893, 4363, 4403
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	English Composition & Oral Communication	3	ENGL 3323*
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 36 HOURS</b>			Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & department requirements.
Basic Science	7	(PHYS 1114 or 2014); (PHYS 1214 or 2114 or ENSC 2613)	Humanities (H)	6	Any courses designated (H). Consult the college & department requirements.
Engineering	4	(CMT 2203 or ENGR 1322 or GENT 1153); (ENGR 1412 or CS 1103 or EET 1003)	<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Engineering Science	6	(ENSC 2113 or GENT 2323) and (ENSC 2213 or GENT 3433) or (ENSC 2143 or GENT 3323 or ENSC 3313)	Select 6 upper-division hours from: AVED 4413, 4423 4433, 4943, 4983 BCOM, CHEM, CS, Engineering, LSB, ENSC not used elsewhere, MATH (except MATH 3403 or 3603), MGMT (except MGMT 3943), PHYS, SDEV 3013, STAT, Technology, SPCH 3733, ZOOL 3204, 5323, or, if not used above AVED 4113, ECON 3903, POLS 3733, 3813, 3893, 4363, 5343, 5633, 5643, EEE 4483		
Specialty	19	FPST 1213, 1373, 2023, 2243, 2344, 2483			

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

Graduation Requirements:

1. A grade of 'C' or better is required in FPST 4993, MGMT 3013, ENGL 3323, and courses with MATH, CHEM, or PHYS prefixes.
2. A minimum 2.8 GPA is required in all courses with engineering or engineering technology prefixes.

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 2019.

\*If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

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Department Head

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Dean

Director



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Mechanical Engineering Technology**

**Total Hours: 129**

**Minimum Overall Grade Point Average: 2.00**

(Cumulative Graduation/Retention GPA), other GPA requirements see below.

<b>GENERAL COURSES: 39 HOURS</b>			<b>MAJOR REQUIREMENTS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>SPECIFIC REQUIREMENTS: 61 HOURS</b>		
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413	<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
American History & Government	6	HIST 1103, POLS 1113	Communications	6	ENGL 3323; SPCH 2713 or 3703 or 3723
Analytical & Quantitative Thought (A)	12	MATH 1513, 1613, 2123, 2133	Technology Specialty	30	GENT 3323, 3433, 4433; MET 3003, 3113, 3313, 3343, 4003, 4123, 4463
Natural Sciences (N)	12	CHEM 1215 or 1314 or 1414; PHYS 1114, 1214			
Social & Behavioral Sciences (S)	3	Any course designated (S).	Related Specialty	16	EET 3104; IEM 3503 or 3513; and 9 hours from the following: MET 3413, 3573, 4013, 4023, 4050, 4203, 4303, 4313, 4453, 4883, 4993
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Social & Behavioral Sciences (S)	3	Any course designated (S).
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	Humanities (H)	6	Any courses designated (H).
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 24 HOURS</b>			<b>CONTROLLED ELECTIVES: 5 HOURS</b>		
Specialty	15	GENT 1223; MET 1103, 1223, 2103, 2313	At least 3 hours of upper-division courses. Select from: Accounting, Chemistry, Computer Science, Engineering, Engineering Technology, Geology, Legal Studies in Business, Management, Mathematics, Physics and Statistics.		
Related Specialty	9	CS 1103 or EET 1003; GENT 1153, 2323			

Graduation Requirements:

1. A minimum GPA of 2.00 is required in all courses with an engineering or engineering technology prefix.
2. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as the changes do not delay graduation or result in semester hours being added.

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 2019.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

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Department Head

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Dean

Director

# College of Human Sciences

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## **Bachelor of Science in Human Sciences**

- HS-1 - Design, Housing, and Merchandising - *Apparel Design and Production*
- HS-2 - Design, Housing, and Merchandising - *Interior Design*
- HS-3 - Design, Housing, and Merchandising - *Merchandising*
- HS-4 - Hotel and Restaurant Administration
- HS-5 - Human Development and Family Science - *Child and Family Services*
- HS-6 - Human Development and Family Science - *Early Childhood Education*
- HS-7 - Human Development and Family Science - *Family and Consumer Sciences Education*
- HS-8 - Nutritional Sciences - *Allied Health*
- HS-9 - Nutritional Sciences - *Community Nutrition*
- HS-10 - Nutritional Sciences - *Dietetics*
- HS-11 - Nutritional Sciences - *Dietetics and Exercise*
- HS-12 - Nutritional Sciences - *Human Nutrition/Pre-Medical Sciences*
- HS-13 - Nutritional Sciences - *Nutrition and Exercise*



**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Design, Housing & Merchandising**

**OPTION: Apparel Design & Production**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 122\***

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS**</b>	
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum grade of "C" in each course	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413; (See Academic Regulation 3.5 in Catalog) SPCH 2713	<b>Core Requirements 49 hours</b>	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	DHM 1103	DHM 3123
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513 and 3 additional hours designated (A). (STAT 2013 or 2023 recommended)	DHM 1433	DHM 3153
Humanities (H)	6	DHM 3213 (minimum grade of "C"); 3 hours designated (H) (ART 1603 recommended)	DHM 1993	DHM 3991
Natural Sciences (N)	4-5	CHEM 1014 or 1215 (minimum grade of "C")	DHM 2203	DHM 3994
Social & Behavioral Sciences (S)	9	ECON 1113 or 2103; PSYC 1113; GEOG 1113 or 2253	DHM 2212	DHM 4453
Diversity (D)	--	Any (D) designated course. EEE 3033 recommended.	DHM 2443	DHM 4993
International Dimension (I)	--	Requirements met by GEOG 1113 or 2253	DHM 3013	MGMT 3013
Scientific Investigation (L)	--	DHM 2573; CHEM 1014 or 1215 fulfill this requirement.	DHM 3023	MKTG 3213
			DHM 3053	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS**</b>			9 total hours from <b>one</b> of the two following professional areas:	
Human Sciences	5	HS 1112 or 3112; HDFS 2113	<b>1.) Design: 6 hours from:</b>	<b>2.) Production: 6 hours from:</b>
Design, Housing & Merchandising	15	<u>Minimum grade of "C" in each course</u> DHM 1003, 2003, 2573, 3033, 4573	DHM 3533	MGMT 3123
			DHM 4403	MGMT 4123
			<u>and 3 hours from:</u>	<u>and 3 hours from:</u>
			ART 1103, 2243	EEE 3033
			DHM 3853, 4893	MGMT 3313, 4213
			EEE 3033, 3023	MGMT 4031, 4613
			TH 4673	
			MGMT 3123	
			3 hours foreign language may be used.	
<b>Other Requirements:</b>			<b>ELECTIVES: 4 HOURS</b>	
* 40 upper-division hours required.			Advisor and student should ensure that a sufficient number of upper-division electives are completed to meet the 40 upper-division requirement and that total hours reach 122. Electives can be met with any additional courses providing student meets required prerequisites. It is highly recommended students take advantage of off-campus study programs and study abroad opportunities.	
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.				
A 2.50 Major GPA is required for full admission to the Internship Program.				
Proficiency review required to take upper-level DHM Apparel Design courses.				
Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for 31-45 hours; 2.50 for more than 45 hours.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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DEAN

DEPARTMENT HEAD



**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Design, Housing & Merchandising**

**OPTION: Interior Design**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 63 HOURS**</b>	
Area	Hours	To be selected from:	Minimum grade of "C" in each course	
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713	<b>Core Requirements 49 hours</b>	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	DHM 1123	DHM 3453
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; MATH 1493, 1613 or 1715	DHM 2073	DHM 3823
Humanities (H)	6	ART 1603; DHM 3233 (minimum grade of "C")	DHM 2103	DHM 3881
Natural Sciences (N)	7-8	DHM 2573 (minimum grade of "C"); CHEM 1014 (minimum grade of "C") or CHEM 1215 (minimum grad of "C")	DHM 2233	DHM 4264
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103 (facilities mgmt); SOC 3223	DHM 2263	DHM 4323
Diversity (D)	--	Any course designated (D)	DHM 3301	DHM 4373
International Dimension (I)	--	Any course designated (I). May be satisfied in any part of the degree program.	DHM 3303	DHM 4824
Scientific Investigation (L)	--	DHM 2573 & CHEM 1014 or CHEM 1215 fulfill this requirement.	DHM 3343	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 17 HOURS**</b>			ACCT 2103	
Human Sciences	5	HS 1112 or 3112; HDF5 2113	ART 1103	
Design, Housing & Merchandising	12	<u>Minimum grade of "C" in each course</u> DHM 1003, 2003, 3033, 4573	14 total hours from <b>one</b> of the two following professional areas:	

- |                                   |   |
|-----------------------------------|---|
| <b>1.) Design: 7 hours from:</b>  | <b>2.) Facility Management: 6 hours from:</b> |
| DHM 4294                          | DHM 4433                                      |
| ART 1303                          | DHM 4533                                      |
| <u>and 7 hours from</u>           | <u>and 8 hours from:</u>                      |
| (3 hours must be upper-division): | DHM 4423, 4453                                |
| DHM 3853, 4423, 4453, 4533        | ACCT 2203                                     |
| ARCH 2003                         | BADM 3713                                     |
| ART 2243, 2253, 3683              | ECON 2203, 3903                               |
| HIST 4063                         | FIN 3613                                      |
| HORT 2652                         | HRAD 3473                                     |
| LA 3673                           | LSB 3213, 4523, 4633                          |
| PHIL 4113                         | MGMT 3013, 3313, 4313                         |
| SOC 3993                          | MKTG 3213                                     |
| TH 2553, 4183, 4593, 4983         | STAT 2023                                     |

Other Requirements:

- \* 40 upper-division hours required.
- \*\* A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
- A 2.50 Major GPA is required for full admission to the Internship Program.
- Proficiency review required to take sophomore level DHM Interior Design courses.
- Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for 31-45 hours; 2.50 for more than 45 hours.

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 2019.

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Design, Housing & Merchandising**

**OPTION: Merchandising**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120\***

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 50 HOURS</b>		
Area	Hours	To be selected from:	Minimum grade of "C" in each course		
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413 or 3323; (See Academic Regulation 3.5 in Catalog) SPCH 2713	<b>Core Requirements 35 hours</b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	DHM 1433	DHM 3991	
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513 (minimum grade of "C") and any 3 additional hours designated (A). (STAT 2013 or 2023 recommended)	DHM 3433	DHM 3994	
Humanities (H)	6	Any course designated (H) and DHM 3213 (apparel) or DHM 3233 (interiors) with minimum grade of "C" in DHM 3213 or 3233	DHM 3553	DHM 4453	
Natural Sciences (N)	4 - 5	CHEM 1014 (minimum grade of "C") or CHEM 1215 (minimum grade of "C")	DHM 3563	DHM 3853	
Social & Behavioral Sciences (S)	9	ECON 1113 or 2103 (for business minors) PSYC 1113 GEOG 1113 or 2253	DHM 4993		
Diversity (D)	--	Any (D) designated course Students are encouraged to meet the requirement in their selection of (H) course work. MGMT 4213 recommended.	ACCT 2103		
International Dimension (I)	--	Requirement met by GEOG 1113 or 2253	MGMT 3013		
Scientific Investigation (L)	--	DHM 2573; CHEM 1014 or 1215 fulfill this requirement.	MKTG 3213		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 20 HOURS**</b>			15 total hours from <b>one</b> of the two following professional areas:		
Human Sciences	5	HS 1112 or 3112; HDF5 2113	<b>1.) Apparel: 6 hours from:</b> DHM 2423, 2913		
Design, Housing & Merchandising	15	<u>Minimum grade of "C" in each course</u> DHM 1003, 2003, 2573, 3033, 4573	<b>2.) Interiors: 9 hours from:</b> DHM 1123, 2423, 3303		
			<b>and 9 hours from:</b> BCOM 3113 EEE 3023, 3033, 3513, 3663, 4263 MGMT 3123, 3313, 4213, 4533 MKTG 3323, 3513, 4553, 4773, 4993 A max of 6 hours of foreign language may be used		
			<b>and 6 hours from:</b> ART 1103 BCOM 3113 DHM 3213, 3533, 4323, 4423 EEE 3023, 3033, 3513, 3663, 4263 MGMT 3313, 4213, 4533 MKTG 3323, 3513, 4553, 4773 A max of 6 hours of foreign language may be used		
			<b>ELECTIVES: 10 HOURS</b> Electives can be met with any additional courses providing student meets required prerequisites. It is highly recommended students take advantage of off-campus study programs and study abroad opportunities.		
<b>Other Requirements:</b> * 40 upper-division hours required. ** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements. A 2.50 Major GPA is required for full admission to the Internship Program. Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for 31-45 hours; 2.50 for more than 45 hours and grade of "C" in Math 1483 or 1513.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Hotel and Restaurant Administration**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 38 HOURS</b>			<b>MAJOR REQUIREMENTS: 63 HOURS</b>			
Area	Hours	To be selected from:	Minimum grade of "C" in each course			
English Composition & Oral Communication	6	ENGL 1113; & 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog)	HRAD 1102	HRAD 2643	HRAD 3473	HRAD 4163
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HRAD 1114	HRAD 2665	HRAD 3543	HRAD 4263
Analytical & Quantitative Thought (A)	6	3 hours from MATH course designated (A); STAT 2013 or 2023 or 2053	HRAD 2021	HRAD 2771	HRAD 3575	HRAD 4453
Humanities (H)	6	Courses designated (H)	HRAD 2152	HRAD 3213	HRAD 3623	HRAD 4523
Natural Sciences (N)	8	NSCI 2114; One course designated (N,L)	HRAD 2283	HRAD 3411	HRAD 3783	
Social & Behavioral Sciences (S)	6	ECON 1113 or 2103; 3 hours from courses designated (S)	HRAD 2533	HRAD 3443	HRAD 4103	
Diversity (D)	--	Students are encouraged to meet the requirement in their selection of (H) or (S) course work or advisor approved professional electives.	<b>PROFESSIONAL ELECTIVES: 14 HOURS</b> Minimum grade of "C" in each course Select courses in consultation with adviser to develop an emphasis in one of the areas of specialization below: <b>Club Management, Conference and Meeting Planning, Hotel Administration, International Hospitality, Restaurant Management, or Tourism</b>			
International Dimension (I)	--	Students are encouraged to meet the requirement in their selection of (H) or (S) course work or advisor approved professional electives.				
Scientific Investigation (L)	--	Requirement met by (N,L) course.	HRAD 3120	HRAD 4090	HRAD 4573	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 5 HOURS</b>			HRAD 3193	HRAD 4120	HRAD 4610	
Human Sciences	5	HS 1112 or 3112; HDFS 2113	HRAD 3223	HRAD 4213	HRAD 4643	
			HRAD 3330	HRAD 4293	HRAD 4723	
			HRAD 3344	HRAD 4333	HRAD 4783	
			HRAD 3403	HRAD 4343	HRAD 4833	
			HRAD 3573	HRAD 4413	HRAD 4850	
			HRAD 3663	HRAD 4443	HRAD 4900	
			HRAD 3721	HRAD 4561	HRAD 4983	
			ACCT 2103	Foreign Language	MKTG 3213	
			ACCT 2203	HS 3090	MKTG 3323	
			BCOM 3223	LSB 3213	MKTG 3513	
			ECON 2103	MGMT 3013	MSIS 3223	
			ECON 2203	MGMT 4413	SPCH 2713	
			FIN 3113	MGMT 4533		
			Contact academic adviser to obtain other approved professional elective courses.			

Other Requirements:

\* 40 hours must be upper-division.

\*\* Hospitality work experience of 480 hours required for no grade prior to internship.

Transfer Admission Requirement: 2.00 GPA

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 2019.

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Human Development and Family Science      OPTION: Child and Family Services**

**Minimum Overall Grade Point Average: 2.50      Total Hours: 121\***  
**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 38 HOURS</b>			<b>MAJOR REQUIREMENTS: 43 HOURS**</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog) SPCH 2713	<b>Family Life Education Core† (27 hours):</b> HDFS 2213, 2523, 2433, 3443, 4433, 4473, 4521, 4563, 4572, and 4713 <b>Developmental Core (9 hours):</b> HDFS 3413, 3423, and 4413 <b>Risk &amp; Resilience Science Core (7 hours):</b> HDFS 3511, 3513, and 4423		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	<b>PROFESSIONAL TRACK REQUIREMENTS: MINIMUM 24 HOURS***</b> <b>Aging Services (AGES):</b> Merit-based state/federal certification/licensing eligible HDFS 4543, 4813, and 4823; and 12 hrs controlled electives <b>Child &amp; Parenting Practitioner (CPP):</b> OFRC certification-eligible HDFS 2453, 2233, and 2243; SPED 3202; and 10 hrs controlled electives <b>Child Life Specialist (CLS):</b> Child Life Council certification-eligible HDFS 2233, 4813, and 4850(1); HHP 2654 and 2802; and 8 hrs controlled electives <b>Early Childhood &amp; Infant Mental Health (IMH):</b> OK-AIMH endorsement-eligible HDFS 2223 or 2243, 2453, and 4373; and 11 hrs controlled electives <b>Fine Arts/Pre-Art, Pre-Music Therapy (FINE):</b> HDFS 2233 or EPSY 4063; HDFS 4573; and 15 hrs controlled electives <b>Health &amp; Wellbeing (HWB):</b> Students must declare a minor in HEPR. HHP 2213, 2603, 2654, 3114, 3613, 3643, and 4973; and 3 hrs controlled electives <b>Health Professions (HP):</b> Pre-Professional/Pre-Health controlled electives. Check specific admission requirements at university/professional school of choice. <b>Individualized Plan (IP):</b> 21 hours with a clearly articulated emphasis approved by the HDFS department head. An OSU minor that supports the HDFS major and student's career goals, as approved by an adviser, may be used to achieve an appropriate emphasis area. Note: a course required elsewhere on this degree sheet cannot be counted towards two requirements. <b>International Human Services (INTL):</b> HDFS 2453; 6 hrs from HDFS 3203, 4793, 4813; and 12 hrs controlled electives that meet International Dimension (I) designation or are Foreign Language courses. <b>Policy &amp; Law (LAW):</b> HDFS 2453; POLS 2013, 2023, and 2033; and 9 hrs of controlled electives <b>Pre-Marriage &amp; Family Therapy (MFT):</b> HDFS 2453, 4573, 4750 (3 hrs credit), and 4813; PSYC 3443; and 6 hrs controlled electives <b>Research/Graduate Studies (RES):</b> HDFS 4750(3), 4950(3), and 15 hrs controlled electives <b>Social Work/Social Welfare (SWSW):</b> HDFS 2453, 4573, and 4813, SOC 2123 and 3223; and 6 hrs controlled electives <b>Youth &amp; Family Ministry/Outreach (MIN):</b> 3 hrs from HDFS 2453, 4793, 4813, or RMTR 3313; 6 hrs from REL 1103 & 2013 or REL 2023 & HIST 2343; and 12 hrs controlled electives		
Analytical & Quantitative Thought (A)	6	MATH 1483 or 1513; STAT 2053#			
Humanities (H)	6	6 hours from courses designated (H)			
Natural Sciences (N)	8	NSCI 2114 and 4 hours from courses designated (N,L)			
Social & Behavioral Sciences (S)	3	3 hours from courses designated (S)			
Diversity (D)	--	Any (D) designated course Students are encouraged to meet the requirement in their selection of (H) course work			
International Dimension (I)	--	Any course designated (I). May be satisfied in any part of the degree program.			
Scientific Investigation (L)	--	Requirement met by (N,L) course.			
# College & Departmental requirement that may be used to meet GE requirement.					
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 19 HOURS**</b>					
Human Sciences	2	HS 1112 or 3112			
Human Development and Family Science	17	ENGL 3323; HDFS 1112, 2113†, 2123, 3123†, and 4533			
<b>Other Requirements:</b> † Meets Certified Family Life Education national requirements. * 40 hours must be upper-division. ** A 2.50 Major GPA is required for graduation. This includes all courses in College/Departmental and Major Requirements. ***See Professional Track Advising Sheets listing controlled electives. Some tracks may require more than 24 hours. Transfer Admission Requirements: 2.00 GPA for less than 31 hours; 2.25 GPA for 31-45 hours; 2.50 GPA for more than 45 hours. HDFS 1112, HDFS 2523, and HDFS 4521 must be completed prior to enrolling in internship hours.					
<b>Additional State/OSU Requirements</b> – 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 2019.					

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Human Development and Family Science      OPTION: Early Childhood Education**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 124\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 0 HOURS</b>			<b>MAJOR REQUIREMENTS: 102 HOURS**</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>EARLY CHILDHOOD EDUCATION: 49 HOURS</b>		
English Composition & Oral Communication	--	(See Academic Regulation 3.5 in Catalog) 9 hours included in major requirements.	HDFS 2211	HDFS 3103	HDFS 4323
American History & Government	--	6 hours included in major requirements.	HDFS 2223	HDFS 3202	HDFS 4333
Analytical & Quantitative Thought (A)	--	6 hours of (A) designated courses are included in major requirements.	HDFS 2233	HDFS 3213	HDFS 4339
Humanities (H)	--	6 hours of (H) designated courses are included in major requirements.	HDFS 2243	HDFS 3223	HDFS 4343
Natural Sciences (N)	--	8 hours of (N) designated courses are included in major requirements.	HDFS 3024	HDFS 3233	HDFS 4363
Social & Behavioral Sciences (S)	--	6 hours of (S) designated courses are included in major requirements.	<b>SUBJECT AREA REQUIREMENTS: 53 HOURS</b>		
Diversity (D)	--	ENGL 2413 fulfills this requirement.	<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
International Dimension (I)	--	3 hours of (I) designated courses are included in major requirements.	Analytical & Quantitative Thought	12	MATH 1483 or 1493 or 1513, 3403, 3603, STAT 2053
Scientific Investigation (L)	--	Requirement met by (N,L) course.	English Composition & Oral Communication	12	ENGL 1113 or 1313, 1213 or 1413, ENGL 2413 and 3323
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS**</b>			Social & Cultural Dimension	17	HIST 1103 or 1483 or 1493; POLS 1113; GEOG 1113 or 2253; 3 hours any course designated (H); and 5 hours from one language: CHIN, FREN, GRMN, JAPN, RUSS, SPAN
Human Sciences	2	HS 1112 or 3112	Natural Sciences	12	BIOL 1114; NSCI 2114; CIED 4560 and CHEM 1413 or PHYS 1313, or 4 hours any course designated (N)
Human Development and Family Science	8	HDFS 1112, 2113 or 2114, 2123	<b>PROFESSIONAL CORE: 12 HOURS**</b>		
			HDFS 3413, 3511, 3513, EDTC 3123, SPED 3202		

Other Requirements:

\* 45 hours must be upper-division.

For licensure/standard certification, the student must demonstrate conversational skills in a foreign language at a novice high level, as defined by the American Council on the Teaching of Foreign Languages. For licensure/standard certification, the student must successfully complete the OGET, OSAT, and OPTE exams and a minimum of three portfolio submissions.

\*\* Required for graduation: (1) 2.50 overall GPA and (2) 2.50 GPA in Major Requirements and College/Departmental Requirements.

\*\* Required for recommendation for Licensure/Standard Certification: (1) 2.50 overall (Graduation/Retention) GPA, (2) 2.50 GPA in Major Requirements with no grades below "C" or "P", and (3) 2.50 GPA in Professional Core and College/Departmental Requirements with no grade below "C" or "P".

Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for 31-45 hours; 2.50 for more than 45 hours.

The following courses must be completed at Oklahoma State University: HDFS 2211, 2223, 2233, 2243, 3024, 3103, 3202, 3213, 3223, 3233, 4323, 4333, 4339, 4343, 4363.

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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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Human Development and Family Science** **OPTION: Family & Consumer Sciences Education**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 121\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 37 HOURS</b>			<b>MAJOR REQUIREMENTS: 41 HOURS**</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	Minimum grade of "C" in each course; Minimum 2.75 major GPA required		
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 (See Academic Regulation 3.5 in Catalog.) SPCH 2713	<b>DEPARTMENTAL CORE</b>		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HDFS 2433	HDFS 4713	HRAD 1114
Analytical & Quantitative Thought (A)	6	MATH 1513 or 1483; STAT 2013 or 2023 or 2053	HDFS 3413	DHM 1003	HRAD 2021
Humanities (H)	6	6 hours from courses designated (H). (DH course recommended to meet D requirements)	HDFS 3423	DHM 1103	NSCI 3223
Natural Sciences (N)	7	DHM 2573 and NSCI 2114	HDFS 4413	DHM 2203	NSCI 4373
Social & Behavioral Sciences (S)	3	PSYC 1113 or SOC 1113	HDFS 4433	DHM 2573	
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) course work.	<b>PROFESSIONAL CORE REQUIREMENTS: 24-26 HOURS**</b>		
International Dimension (I)	--	Any course designated (I). HDFS 3203 recommended as an elective for (I) credit.	Minimum grade of "C" in each course; Minimum 2.75 major GPA required.		
Scientific Investigation (L)	--	Requirement met by (N, L) course.	<b>Career and Technical Education Requirements:</b>		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 13 HOURS**</b>			CTED 3203		
Human Sciences	2	HS 1112 or 3112	CTED 3903		
Human Development and Family Science	11	ENGL 3323; HDFS 1112, 2113, 3123	CTED 4103		
			CTED 4123		
			CTED 4213		
			CTED 4343		
			SPED 3202 (FACSED only)		
			(Courses include 45 hours of directed observation, which are required for admission to Professional Education.)		
			<b>Professional Internship or Student Teaching Experience</b>		
			6 total hours from <b>one</b> of the following professional areas:		
			<b>FCS Cooperative Extension Service – Professional Area</b>		
			HDFS 4521 Pre-Internship		
			HDFS 4563 Cooperative Extension Service Internship I		
			HDFS 4572 Cooperative Extension Service Internship II		
			<b>FACS School Instruction – Professional Area</b>		
			HDFS 4520 FCS Student Teaching (6 credit hours)		
			(Student must be fully admitted to Professional Education Unit for student teaching.)		
			<b>GENERAL ELECTIVES: 6 HOURS**</b>		
			Up to 6 hours electives approved by HDFS to total minimum of 121-123 hours required for graduation; 5 elective hours must be foreign language if not met through high school courses (foreign language required by Oklahoma Commission for Teacher Preparation); "D" and "I" courses required for graduation.		

**Other Requirements:**

\* 40 hours must be upper-division.

\*\* Required for graduation: (1) 2.50 overall GPA (cumulative) and (2) 2.75 GPA in combination of Major Requirements, Professional Core Requirements, and College/Departmental Requirements.

\*\* Required for recommendation for Licensure/Standard Certification: (1) 2.50 overall GPA (cumulative); (2) 2.75 GPA in Major Requirements and Professional Core Requirements; (3) No grades lower than "C" in all College/Departmental Requirements, Major Requirements and Professional Core Requirements; and (4) Grade of "P" in all pass/fail courses.

For licensure/standard certification, the student must demonstrate conversational skills in a foreign language at a novice high level, as defined by the American Council on the Teaching of Foreign Languages.

For licensure/standard certification, the student must successfully complete the OGET, OSAT, and OPTE exams and a minimum of three portfolio submissions.

Transfer Admission Requirements: 2.00 GPA for less than 31 hours; 2.25 GPA for 31-45 hours; 2.50 GPA for more than 45 hours.

HDFS 1112 and HDFS 4521 must be completed prior to enrolling in internship courses for the FCS Cooperative Extension Service Professional Area.

**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 2019.

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Nutritional Sciences    OPTION: Allied Health**

**Minimum Overall Grade Point Average: 2.50**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120\***

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 69 HOURS**</b>
Area	Hours	To be selected from:	
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713)	2.5 GPA is required for Major Requirements
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	NSCI 2114, 3223, 3440 (1 hour), 3543, 4023, 4323, 4373
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	CHEM 3015 or 3053, 3112, and 3153 (complete series) see advisor
Humanities (H)	6	Select from courses designated (H).	BIOC 3653
Natural Sciences (N)	13	BIOL 1114, CHEM 1215 or 1314 and CHEM 1225 or 1515 (see advisor)	HHP 2603, 2802
Social & Behavioral Sciences (S)	3	3 hours from ECON, PSYC or SOC courses designated (S)	MICR 2123, 2132
Diversity (D)	--	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work	UNIV 2511
International Dimension (I)	--	Requirement met by NSCI 3543	ZOOL 1604, 2104, 3204
Scientific Investigation (L)	--	Requirement met by (N,L) course.	15 - 18 hours of controlled electives to total 69 hours of major requirements.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS**</b>			<u>Consult admissions requirements for specific professional programs.</u>
Human Sciences	5	HS 1112 or 3112; HDFS 2113 or 2114 (Honors)	NOTE: If student chooses CHEM 3015 they must take 18 hours of controlled electives. If student chooses CHEM 3053, 3112 and 3153 they must take 15 hours of controlled electives.
Nutritional Sciences	3	NSCI 3011, 3021, 4021	Ensure that enough upper-division controlled electives are taken to meet the 40 hour upper-division Regents requirement.
<u>Other Requirements:</u> * 40 upper-division hours required. ** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements. A grade of "C" or better is required in all NSCI 3000- and 4000-level courses. Transfer Admission Requirement: 2.50 GPA.			This degree program does not meet all the Didactic Program in Dietetics academic course requirements. See the NSCI Major/Dietetics Option sheet for courses to be added.
<u>Additional State/OSU Requirements</u> – 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 2019.			

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Nutritional Sciences    OPTION: Community Nutrition**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 69 HOURS**</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 or 3723	2.5 GPA is required for Major Requirements	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	NSCI 2114, 3223, 3440 (1 hour), 3543, 3813, 4023, 4323, 4573, 4733	
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	BIOC 3653	
Humanities (H)	6	Select from courses designated (H)	CHEM 3015	
Natural Sciences (N)	13-14	BIOL 1114, CHEM 1215 or 1314 and CHEM 1225 or 1515	FIN 2123	
Social & Behavioral Sciences (S)	3	PSYC 1113	HRAD 1114, 2021, 2152, 2283, 3213	
Diversity (D)	--	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work.	MKTG 3213	
International Dimension (I)	--	Requirement met by NSCI 3543	ZOO 3204	
Scientific Investigation (L)	--	Requirement met by (N,L) course	12 hours controlled electives to total 69 hours of major requirements.	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS**</b>			Ensure that enough upper-division controlled electives are taken to meet the 40 upper-division Regents requirement.	
Human Sciences	5	HS 1112 or 3112; HDFS 2113 or 2114 (Honors)	This degree program does not meet all the Didactic Program in Dietetics academic course requirements. See the NSCI Major/Dietetics Option sheet for courses to be added.	
Nutritional Sciences	3	NSCI 3011, 3021, 4021		
<p><u>Other Requirements:</u>            * 40 upper-division hours required .            ** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.            A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.            Transfer Admission Requirement: 2.50 GPA.</p>				
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>				

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Nutritional Sciences    OPTION: Dietetics**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 121\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 70 HOURS**</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713)	2.5 GPA is required for Major Requirements	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	NSCI	2211, 2114, 3133, 3223, 3440 (1 hour), 3543, 3813, 4111 4323, 4331, 4573, 4733, 4854, 4864
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	BIOC	3653
Humanities (H)	6	Select from courses designated (H)	CHEM	3015
Natural Sciences (N)	13-14	BIOL 1114, CHEM 1215 or 1314 and CHEM 1225 or 1515	HRAD	1114, 2021, 2152, 2283, 3213
Social & Behavioral Sciences (S)	3	PSYC 1113	MICR	2123, 2132
Diversity (D)	--	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work.	ZOOL	3204
International Dimension (I)	--	Requirement met by NSCI 3543	<u>3 hours controlled electives to total 70 hours of major requirements.</u>	
Scientific Investigation (L)	--	Requirement met by (N,L) course.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS**</b>			This degree program meets the Didactic Program in Dietetics requirements for the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312/899-0040, Ext. 5400.	
Human Sciences	5	HS 1112 or 3112; HDF5 2113 or 2114 (Honors)		
Nutritional Sciences	3	NSCI 3011, 3021, 4021		
<b>Other Requirements:</b>				
* 40 upper-division hours required.				
** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.				
A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.				
Transfer Admission Requirement: 2.50 GPA.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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DEPARTMENT HEAD



**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Nutritional Sciences    OPTION: Dietetics and Exercise**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 146\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 95 HOURS**</b>	
Area	Hours	To be selected from:		
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713)	2.5 GPA is required for Major Requirements	
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	NSCI	2211, 2114, 3133, 3223, 3440 (1 hour), 3543, 3813, 4111, 4133, 4323, 4331, 4573, 4733, 4854, 4864
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	BIOC	3653
Humanities (H)	6	Select from courses designated (H)	CHEM	3015
Natural Sciences (N)	13-14	BIOL 1114; CHEM 1215 or 1314 and CHEM 1225 or 1515	HHP	2553, 2602, 2654, 3114, 3663, 3673, 4773
Social & Behavioral Sciences (S)	3	PSYC 1113	HRAD	1114, 2021, 2152, 2283, 3213
Diversity (D)	--	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work	MICR	2123, 2132
International Dimension (I)	--	Requirement met by NSCI 3543	ZOOL	3204
Scientific Investigation (L)	--	Requirement met by (N,L) course.	<u>3 hours controlled electives to total 95 hours of major requirements.</u>	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS**</b>				
Human Sciences	5	HS 1112 or 3112; HDFS 2113 or 2114 (Honors)	This degree program meets the Didactic Program in Dietetics requirements for the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312/899-0040, Ext. 5400.	
Nutritional Sciences	3	NSCI 3011, 3021, 4021		
<b>Other Requirements:</b> * 40 upper-division hours required. ** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements. A grade of "C" or better is required in all NSCI 3000- and 4000-level courses. Transfer Admission Requirement: 2.50 GPA.				
<b>Additional State/OSU Requirements</b> – 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 2019.				

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students [Matriculating](#) in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Nutritional Sciences    OPTION: Human Nutrition/Pre-medical Sciences**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 122\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 50 HOURS</b>			<b>MAJOR REQUIREMENTS: 64 HOURS**</b>		
Area	Hours	To be selected from:			
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) SPCH 3723 (or 2713)	2.5 GPA is required for Major Requirements		
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	NSCI 2114, 3223, 3440 (1 hr), 3543, 4023, 4323		
Analytical & Quantitative Thought (A)	6	MATH 1513, 1613	BIOC 3653, 4113		
Humanities (H)	6	PHIL 1213 3 hours from courses designated (H); Students are encouraged to select a course with (D,H) designation.	BIOL 1114, 3023		
Natural Sciences (N)	9	CHEM 1314, 1515	CHEM 3053, 3112, 3153		
Social & Behavioral Sciences (S)	6	SOC 1113; PSYC 1113	MICR 2123, 2132, 3033		
Diversity (D)	--	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work	STAT 2013		
International Dimension (I)	--	Requirement met by NSCI 3543	UNIV 2511		
Scientific Investigation (L)	8	PHYS 1114 and 1214 or 2014 and 2114	ZOO 1604, 2104, 3204		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS**</b>			<u>2 hours controlled electives to total 64 hours of major requirements.</u>		
Human Sciences	5	HS 1112 or 3112; HDFS 2113 or 2114 (Honors)	<u>This degree program meets pre-med requirements for Oklahoma medical schools. Consult the admissions requirements for medical schools of choice for additional prerequisites, such as calculus.</u>		
Nutritional Sciences	3	NSCI 3011, 3021, 4021	One literature course required as lower-division humanities for most medical school admissions.		

Other Requirements:

\* 40 upper-division hours required.

\*\* A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.

A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.

This degree sheet includes requirements for pre-medical, pre-dental, pre-pharmacy and pre-optometry.

Transfer Admission Requirement: 2.50 GPA.

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 2019.

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**COLLEGE OF HUMAN SCIENCES**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in HUMAN SCIENCES**

**MAJOR: Nutritional Sciences    OPTION: Nutrition and Exercise**

**Minimum Overall Grade Point Average: 2.50**

**Total Hours: 120\***

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 43 HOURS</b>			<b>MAJOR REQUIREMENTS: 69 HOURS**</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	
English Composition & Oral Communication	9	ENGL 1113 or 1313; and 1213 or 1413 or 3323. (See Academic Regulation 3.5 in Catalog) SPCH 2713 or 3723	NSCI 2114, 3223, 3440 (2 hours), 3543, 4023, 4133, 4323, 4373 BIOC 3653 CHEM 3015
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113	HHP 2553, 2602, 2603, 2654, 2802, 3114, 3663, 3673, 4773 MGMT 3013
Analytical & Quantitative Thought (A)	6	MATH 1513; STAT 2013 or 2023	PSYC 3013
Humanities (H)	6	Select from courses designated (H)	ZOOL 3204
Natural Sciences (N)	13	BIOL 1114; CHEM 1215 or 1314 and CHEM 1225 or 1515	
Social & Behavioral Sciences (S)	3	PSYC 1113	
Diversity (D)	--	Any course designated (D) Students are encouraged to meet the requirement in their selection of (H) course work.	
International Dimension (I)	--	Requirement met by NSCI 3543	
Scientific Investigation (L)	--	Requirement met by (N,L) course	
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS**</b>			
Human Sciences	5	HS 1112 or 3112; HDF5 2113 or 2114 (Honors)	
Nutritional Sciences	3	NSCI 3011, 3021, 4021	
<p><u>Other Requirements:</u>            * 40 upper-division hours required.            ** A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.            A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.            Transfer Admission Requirement: 2.50 GPA.</p>			<p>This degree program does not meet all the Didactic Program in Dietetics academic course requirements. See the NSCI Major/Dietetics Option sheet for courses to be added.</p>
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>			

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DEPARTMENT HEAD

# Spears School of Business

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## **Bachelor of Science in Business Administration**

- BUS-1 - Accounting
- BUS-2 - Economics
- BUS-3 - Economics - *Business Economics and Quantitative Studies*
- BUS-4 - Economics - *Pre-Law*
- BUS-5 - Entrepreneurship
- BUS-6 - Finance - *Two Options*
- BUS-7 - General Business
- BUS-8 - General Business - *Pre-Law*
- BUS-9 - International Business
- BUS-10 - Management
- BUS-11 - Management - *Business Sustainability*
- BUS-12 - Management - *Human Resource Management*
- BUS-13 - Management - *Sports Management*
- BUS-14 - Management Information Systems
- BUS-15 - Management Information Systems - *Information Assurance*
- BUS-16 - Management Information Systems - *Management Science and Computer Systems*
- BUS-17 - Marketing



**SPEARS SCHOOL OF BUSINESS**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Accounting**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Analytical & Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

<b>MAJOR REQUIREMENTS: 72 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513
A GPA of 2.20 is required in these courses.			
<b>School of Accounting Major Requirements: 36 hours</b>			
ACCT	3013, 3103, 3113, 3203, 3603, 4133, 4503		
MSIS	3123		
<b>3 hours from:</b>			
BCOM	3113 or 3223		
SPCH	3723		
ENGL	3323 (If substituted for ENGL 1213 another of the listed courses is required.)		
<b>9 hours from:</b>			
ACCT	4033, 4553, 4763, 4930(3)		
ECON	3023, 3113, 3313		
FIN	4113, 4213, 4223, 4333, 4763, 4843		
LSB	4323, 4523, 4633		
MSIS	2203, 3333, 4113, 4253, 4273		
MKTG	4773		
STAT	3013		
A grade of "C" or better must be earned in each course and in ACCT 2103 and 2203.			
A GPA of 2.20 is required in these 36 hours of School of Accounting Major Requirements. 18 of these 36 hours must be in residence at OSU.			

**ELECTIVES: 7 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Economics**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 69 HOURS</b>			
Area	Hours	To be selected from:	Common Body: 36 hours			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<b>Economics Major Requirements: 33 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	ECON 3113, 3123 ECON – 15 hours from other upper-division ECON courses.			
Social & Behavioral Sciences (S)	6	Any course designated (S).	<u>3 hours from:</u> BCOM 3113, 3223 ENGL 3030, 3323 SPCH 3723			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	9 hours upper-division electives			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	A GPA of 2.00 is required in these 33 hours of Economics Major Requirements. 15 of these 33 hours must be in residence at OSU.			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	A GPA of 2.00 is required in these 69 hours (one average).			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>						
Orientation	1	BADM 1111				
Oral Communication	3	SPCH 2713				
Analytical and Quantitative	3	MATH 2103				

**ELECTIVES: 10 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Economics OPTION: Business Economics and Quantitative Studies**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

<b>MAJOR REQUIREMENTS: 69 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
<b>Economics Major Requirements: 33 hours</b>			
ECON 3023, 3113, 3123, 3313			
ECON 4213 or 4223			
MSIS 3233			
ECON – 6 additional upper-division hours.			
STAT 3013			
<b>3 hours from:</b>			
BCOM 3113, 3223			
ENGL 3030, 3323			
SPCH 3723			
3 hours upper-division electives			
A GPA of 2.00 is required in these 33 hours of Economics Major Requirements.			
15 of these 33 hours must be in residence at OSU.			
A GPA of 2.00 is required in these 69 hours (one average).			

**ELECTIVES: 10 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Economics OPTION: Pre-Law**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Oral Communication	3	SPCH 2713
Analytical and Quantitative	3	MATH 2103

<b>MAJOR REQUIREMENTS: 69 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
<b>Economics Major Requirements: 33 hours</b>			
ECON 3113, 3123			
ECON – 15 hours from other upper-division ECON courses			
PHIL 1313			
POLS 3983			
<u>3 hours from:</u>			
POLS 2023, 4963, 4973			
SPCH 3733			
<u>3 hours from:</u>			
BCOM 3113, 3223			
ENGL 3030, 3323			
SPCH 3723			
A GPA of 2.00 is required in these 33 hours of Economics Major Requirements. 15 of these 33 hours must be in residence at OSU.			
A GPA of 2.00 is required in these 69 hours (one average).			

**ELECTIVES: 10 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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# SPEARS SCHOOL OF BUSINESS

OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2013-2014

## BACHELOR of SCIENCE in BUSINESS ADMINISTRATION

### MAJOR: Entrepreneurship

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

**Students must apply to the Entrepreneurship major through the Department office, 104B Business Building**

<b>GENERAL EDUCATION REQUIREMENTS / 34 HOURS</b>			<b>MAJOR REQUIREMENTS / 72 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	EEE 4513
Humanities (H)	6	Any course designated (H).	<b>Entrepreneurship Major Requirements: 36 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	EEE 3023, 3263, 3663, 4653			
Social & Behavioral Sciences (S)	6	Any course designated (S).	<u>9 hours from:</u>			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	EEE 1010, 1020, 3020, 3033, 3403, 3123, 3513, 4010, 4113, 4263, 4313, 4483, 4603, 4610			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	ECON 3033			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	EPSY 3110			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS / 7 HOURS</b>			LSB 4403			
Orientation	1	BADM 1111	MKTG 3323, 4333, 4973			
Analytical & Quantitative	3	MATH 2103	<u>15 hours from:</u>			
Oral Communication	3	SPCH 2713	Select an additional 15 upper-division hours from fields in the SSB			
<b>ELECTIVES / 7 HOURS</b>			A GPA of 2.00 is required in these 36 hours of Entrepreneurship major requirements. 18 of these 36 hours must be in residence at OSU.			
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.			A GPA of 2.20 is required in these 72 hours.			
<u>Other Requirements:</u>						
1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.						
2. Forty-five hours of upper division courses required.						
<u>Additional State/OSU Requirements</u> – 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 2019.						

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Finance OPTION: Two Options**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 72 HOURS</b>			
Area	Hours	To be selected from:	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513
Humanities (H)	6	Any course designated (H).	<hr/>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	<b>Finance Major Requirements: 36 hours</b>			
Social & Behavioral Sciences (S)	6	Any course designated (S).	<u>Core Courses:</u>			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	ACCT 3103			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	ECON 3313			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	FIN 4223, 4333			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			<u>3 hours from:</u>			
Orientation	1	BADM 1111	BCOM 3113, 3223			
Analytical and Quantitative	3	MATH 2103	ENGL 3323			
Oral Communication	3	SPCH 2713	SPCH 3703, 3723, 4753, 4763			

Select one of two options listed below: 21 hours

- General  
18 hours from: FIN 3613, 3713, 4063, 4113, 4213, 4363, 4443, 4453, 4550 (max 6 hours), 4653, 4763, 4813, 4843  
3 hours from: ACCT 3013, 3113, 3203, 3603; STAT 3013
- Commercial Bank Management  
FIN 4063, 4113, 4443, 4453  
6 hours from: FIN 3613, 3713, 4363, 4213, 4550 (max 6 hours), 4653, 4763, 4813, 4843  
3 hours from: ACCT 3013, 3113, 3203, 3603; STAT 3013

A minimum GPA of 2.00 is required in these 36 hours of Finance Major Requirements.  
18 of these 36 hours must be in residence at OSU.  
A minimum GPA of 2.00 is required in these 72 hours.

**ELECTIVES: 7 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC.  
Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

- A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
- Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: General Business**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

<b>MAJOR REQUIREMENTS: 72 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
<b>General Business Major Requirements: 36 hours</b>			
<u>3 hours from:</u>			
BCOM 3113, 3223			
ENGL 3323			
SPCH 3723			
<u>18 hours</u>			
Select three upper-division hours from six of the following eight areas:			
ACCT			
ECON			
EEE			
FIN			
LSB			
MGMT			
MKTG			
MSIS			
<u>15 hours</u>			
Select an additional 15 upper-division hours from fields in the SSB.			
A GPA of 2.00 is required in these 36 hours of General Business Major Requirements. 18 of these 36 hours must be in residence at OSU.			
A minimum GPA of 2.00 is required in these 72 hours.			

**ELECTIVES: 7 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: General Business**

**Option: Pre-Law**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 72 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<b>General Business Major Requirements: 36 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	<u>3 hours from:</u> BCOM 3113, 3223 ENGL 3323 SPCH 3723			
Social & Behavioral Sciences (S)	6	Any course designated (S).	<u>18 hours</u> Select three upper-division hours from six of the following eight areas: ACCT ECON EEE FIN LSB MGMT MKTG MSIS			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	9 hours from: LSB 4323, 4403, 4413, 4423, 4523, 4633 POLS 3983, 4963, 4973			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	6 hours upper-division SSB electives.			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	A GPA of 2.00 is required in these 36 hours. 18 of these 36 hours must be in residence at OSU.  A minimum GPA of 2.00 is required in these 72 hours.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>						
Orientation	1	BADM 1111				
Analytical and Quantitative	3	MATH 2103				
Oral Communication	3	SPCH 2713				
<b>ELECTIVES: 7 HOURS</b>						
<p>May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.</p>						
<u>Other Requirements:</u>						
<ol style="list-style-type: none"> <li>1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.</li> <li>2. Forty-five hours of upper division courses and a minimum of 60 hours must be completed at a 4-year institution.</li> </ol>						
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>						

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: International Business**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 75 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<b>International Business Major Requirements: 39 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	<u>12 hours from:</u>			
Social & Behavioral Sciences (S)	6	Any course designated (S).	MKTG 3993			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>6 hours from:</u>			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	ACCT 4733			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	ECON 3613			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			<u>3 hours from:</u>			
Orientation	1	BADM 1111	BCOM 3113, 3223			
Analytical and Quantitative	3	MATH 2103	ENGL 3323			
Oral Communication	3	SPCH 2713	SPCH 3723			

ACCT 2103 ACCT 2203 ECON 2103 ECON 2203  
MSIS 2103 STAT 2023 FIN 3113 MGMT 3013  
MKTG 3213 LSB 3213 MSIS 3223 MGMT 4513 or EEE 4513

**International Business Major Requirements: 39 hours**  
MKTG 3993  
12 hours from:  
ACCT 4733  
ECON 3613  
FIN 4213  
LSB 4633  
MGMT 4613  
MKTG 4553  
TCOM 3153  
6 hours from:  
ECON 4643  
GEOG 3723, 3733, 3743, 3753, 3773, 3793  
HIST 3113, 3163, 3183, 3273, 3323, 3413, 3423, 3433, 3463  
PHIL 4043  
POLS 3003, 3123, 3143, 3193, 3223, 3233, 4053  
3 hours from:  
BCOM 3113, 3223  
ENGL 3323  
SPCH 3723

Select an additional 15 hours of upper-division business courses from any field in the Spears School. A minor in a selected business field is highly recommended.

A GPA of 2.00 is required in these 39 hours of International Business Major Requirements. 18 of these 39 hours must be in residence at OSU.

A minimum GPA of 2.00 is required in these 75 hours.

**ELECTIVES: 4 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC. exclusive of credit earned for summer camp. may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.
3. The student must indicate language proficiency as evidenced by
  - a.) 15 hours of study of a single modern foreign language with a minimum grade of "C" or, b.) study in a foreign country approved by the department head and 10 hours of study of a single modern foreign language with a minimum grade of "C" or c.) five hours of intermediate or advanced modern foreign language courses with a minimum grade of "C", or d.) passing an approved Oklahoma State University examination. \*Note: Students who must complete all 15 hours of language courses (i.e., who cannot demonstrate language proficiency equivalent to one course) will need at least 131 hours to meet all degree requirements.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 67 HOURS</b>			
Area	Hours	To be selected from:	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<hr/>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	<b>Management Major Requirements: 31 hours</b>			
Social & Behavioral Sciences (S)	6	Any course designated (S).	MGMT 3011, 3123, 3313, 4073			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>9 hours from:</u> Upper-division MGMT courses			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>6 hours from:</u> BCOM 3113 or ENGL 3323 BCOM 3223 or SPCH 3723			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	<u>6 hours from:</u> Upper-division business courses			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			A GPA of 2.00 is required in these 31 hours of Management Major Requirements. 15 of these 31 hours must be in residence at OSU.			
Orientation	1	BADM 1111	A minimum GPA of 2.00 is required in these 67 hours.			
Analytical and Quantitative	3	MATH 2103				
Oral Communication	3	SPCH 2713				

**ELECTIVES: 12 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management      Option: Business Sustainability**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

<b>MAJOR REQUIREMENTS: 70 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
<b>Business Sustainability Major Requirements: 34 hours</b>			
MGMT 3011, 3023, 3123, 3313, 4073, 4083			
<u>3 hours from:</u> Upper-division MGMT courses			
<u>6 hours from:</u> BCOM 3113 or ENGL 3323 BCOM 3223 or SPCH 3723			
<u>9 hours from:</u> EEE 3403, 4093 LSB 4093 MGMT 4093 MKTG 4443 ARCH 4233 BOT 3253 CHEM 4343 DHM 4573			
A GPA of 2.00 is required in these 34 hours of Business Sustainability Major Requirements. 16 of these 34 hours must be in residence at OSU			
A minimum GPA of 2.00 is required in these 70 hours.			

**ELECTIVES: 9 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management      Option: Human Resource Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 76 HOURS</b>			
Area	Hours	To be selected from:	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<hr/>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	<b>Human Resource Management Major Requirements: 40 hours</b>			
Social & Behavioral Sciences (S)	6	Any course designated (S).	MGMT 3011, 3123, 3313, 4073, 4133, 4813			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	LSB 4423			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	STAT 3013 or			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	PSYC 3214			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			<u>6 hours from:</u>			
Orientation	1	BADM 1111	BCOM 3113 or ENGL 3323			
Analytical and Quantitative	3	MATH 2103	BCOM 3223 or SPCH 3723			
Oral Communication	3	SPCH 2713	<u>12 hours from:</u>			
			ECON 3513			
			FPST 3013			
			MGMT 4123, 4153, 4213, 4313, 4533, 4613, 4693, 4713			
			MSIS 3103 or 4003 or 4263			
			PSYC 4813			

A GPA of 2.20 is required in these 40 hours of Human Resource Management Major Requirements. 20 of these 40 hours must be in residence at OSU

A minimum GPA of 2.00 is required in these 76 hours.

**ELECTIVES: 3 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management      Option: Sports Management**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 73 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<b>Sports Management Major Requirements: 37 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	MGMT 3011, 3123, 3313, 3943, 4073, 4743, 4943			
Social & Behavioral Sciences (S)	6	Any course designated (S).	<u>3 hours from:</u> Upper-division MGMT courses			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>6 hours from:</u> BCOM 3113 or ENGL 3323 BCOM 3223 or SPCH 3723			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>9 hours from:</u> ECON 3513, 3723 LSB 4423 MGMT 4843 MKTG 3323, 3433, 3473, 3713 MSIS 4943			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	A GPA of 2.00 is required in these 37 hours of Sports Management Major Requirements. 18 of these 37 hours must be in residence at OSU.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			A minimum GPA of 2.00 is required in these 73 hours.			
Orientation	1	BADM 1111				
Analytical and Quantitative	3	MATH 2103				
Oral Communication	3	SPCH 2713				
<b>ELECTIVES: 6 HOURS</b>						
<p>May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.</p>						
<u>Other Requirements:</u>						
<ol style="list-style-type: none"> <li>1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.</li> <li>2. Forty-five hours of upper division courses required.</li> </ol>						
<p><u>Additional State/OSU Requirements</u> – 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 2019.</p>						

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**SPEARS SCHOOL OF BUSINESS**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management Information Systems**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

<b>MAJOR REQUIREMENTS: 75 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
<b>Management Information Systems Major Requirements: 39 hours</b>			
MSIS 2203 and 3363			
3233 or 3243			
4133 or 4363			
3123, 3333, 4003, 4033, 4523			
<u>12 hours from:</u>			
ACCT	3103, 3113, 3203, 3603, 4503, 4653		
CS	2133, 2351, 2433,	any upper-division courses except 4113 and 4883	
ECON	3313, 4213, 4223		
FIN	4223, 4333, 4613		
IEM	4723		
MGMT	3313		
MKTG	4223, 4333, 4973, 4983, 4993		
MSIS	any upper-division courses		
TCOM	any upper-division courses		
STAT	3013, 4043		
A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements. 18 of these 39 hours must be in residence at OSU.			
A minimum GPA of 2.20 is required in these 75 hours.			

**ELECTIVES: 4 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management Information Systems**

**OPTION: Information Assurance**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 120**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513
Humanities (H)	6	Any course designated (H).
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).
Social & Behavioral Sciences (S)	6	Any course designated (S).
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>		
Orientation	1	BADM 1111
Analytical and Quantitative	3	MATH 2103
Oral Communication	3	SPCH 2713

<b>MAJOR REQUIREMENTS: 75 HOURS</b>			
<b>Common Body: 36 hours</b>			
ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
<b>Management Information Systems Major Requirements: 39 hours</b>			
MSIS 2203 and 3363			
3233 or 3243			
4133 or 4363			
3123, 3333, 4003, 4033, 4523			
<u>9 hours from:</u>			
MSIS	4233, 4243, 4253, 4273		
<u>3 hours from:</u>			
ACCT	3103, 3113, 3203, 3603, 4503, 4653		
CS	2133, any upper-division courses except 4113 and 4883		
ECON	3313, 4213, 4223		
FIN	4223, 4333, 4613		
IEM	4723		
MGMT	3313		
MKTG	4223, 4333, 4973, 4983, 4993		
MSIS	any upper-division courses		
TCOM	any upper-division courses		
STAT	3013, 4043		
A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements. 18 of these 39 hours must be in residence at OSU.			
A minimum GPA of 2.20 is required in these 75 hours.			

**ELECTIVES: 4 HOURS**

May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.

Other Requirements:

1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.
2. Forty-five hours of upper division courses required.

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 2019.

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Management Information Systems**

**OPTION: Management Science and Computer Systems**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 75 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<b>Management Information Systems Major Requirements: 39 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	MSIS 2203, 3123, 3233, 3243, 3333, 3363, 4003, 4033, 4263			
Social & Behavioral Sciences (S)	6	Any course designated (S).	MSIS 4133 or 4363			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>6 hours from:</u>			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	STAT 3013, 4033, 4043, 4053, 4113, 4203, 4213			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	<u>3 hours from:</u>			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 8 HOURS</b>			ACCT 3103, 3113, 3203, 3603, 4653			
Orientation	1	BADM 1111	CS 2133, 2351, 2433, any upper-division courses except 4113 and 4883			
Analytical and Quantitative	4	MATH 2144	ECON 4213, 4223			
Oral Communication	3	SPCH 2713	FIN 4223, 4333, 4613			
			IEM 4103, 4203, 4713			
			MATH 3013, 4553			
			MKTG 4223, 4333, 4973, 4983, 4993			
			MSIS any upper-division courses			
			TCOM any upper-division courses			
			A GPA of 2.00 is required in these 39 hours of Management Information Systems Major Requirements. 18 of these 39 hours must be in residence at OSU.			
			A minimum GPA of 2.20 is required in these 75 hours.			
<b>ELECTIVES: 3 HOURS</b>						
May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.						
<u>Other Requirements:</u>						
1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.						
2. Forty-five hours of upper division courses required.						
<u>Additional State/OSU Requirements</u> – 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 2019.						

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**SPEARS SCHOOL OF BUSINESS**  
OKLAHOMA STATE UNIVERSITY

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in BUSINESS ADMINISTRATION**

**MAJOR: Marketing**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 34 HOURS</b>			<b>MAJOR REQUIREMENTS: 72 HOURS</b>			
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<b>Common Body: 36 hours</b>			
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413. (See Academic Regulation 3.5 in Catalog)	ACCT 2103	ACCT 2203	ECON 2103	ECON 2203
American History & Government	6	HIST 1103; POLS 1113	MSIS 2103	STAT 2023	FIN 3113	MGMT 3013
Analytical & Quantitative Thought (A)	3	MATH 1483 or 1513	MKTG 3213	LSB 3213	MSIS 3223	MGMT 4513 or EEE 4513
Humanities (H)	6	Any course designated (H).	<b>Marketing Major Requirements: 36 hours</b>			
Natural Sciences (N)	7	One course designated (L, N). One course designated (N).	MKTG 3323, 4333, and 4683 or 4783			
Social & Behavioral Sciences (S)	6	Any course designated (S).	12 hours of upper-division marketing electives.			
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	<u>3 hours from:</u> BCOM 3113, 3223 ENGL 3323 SPCH 3723			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Select an additional 12 hours of upper-division courses from any field in the Spears School of Business.			
Scientific Investigation (L)	--	Any course designated (L). Students are encouraged to meet the requirement in their selection of (N) course work.	A GPA of 2.00 is required in these 36 hours of Marketing Major Requirements. 18 of these 36 hours must be in residence at OSU.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS</b>			A minimum GPA of 2.20 is required in these 72 hours.			
Orientation	1	BADM 1111				
Analytical and Quantitative	3	MATH 2103				
Oral Communication	3	SPCH 2713				
<b>ELECTIVES: 7 HOURS</b>						
<p>May be selected from any upper- or lower-division area except activity courses in LEIS and PE and lower-division AERO and MLSC. Twelve credit hours earned in advanced AERO and MLSC, exclusive of credit earned for summer camp, may be included in the 120 hours.</p>						
<u>Other Requirements:</u>						
<ol style="list-style-type: none"> <li>1. A minimum of 50 percent of the business hours required for a degree must be in residence at OSU.</li> <li>2. Forty-five hours of upper division courses required.</li> </ol>						
<u>Additional State/OSU Requirements</u> – 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 2019.						

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# Minor and Certificate Requirements

The minor information included in this publication is current as of March 2013. For the most up-to-date minor requirement information see the Minors and Certificates link on the Degree Requirements page of the Registrar website at [registrar.okstate.edu](http://registrar.okstate.edu).

## Minors - College of Agricultural Sciences and Natural Resources

### Agricultural Economics and Agribusiness (AEAB)

21 hours. AGECE 1113 (or ECON 2103 and 2203); ACCT 2103 (or ACCT 3183 or AGECE 3183). 15 hours in five upper division (three hour) AGECE courses, excluding AGECE 3010, 3101, 3183, 3990, 4101, 4990. At least nine hours of upper division AGECE courses must be taken at OSU. Department of Agricultural Economics, 308 Ag Hall, 405-744-6161.

### Agronomy (AGRN)

24 hours. PLNT 1213, 2013, 3113, 3554, 4123 or 4673; SOIL 2124, 4234. Department of Plant and Soil Sciences, 369 Ag Hall, 405-744-6130 or 744-6425.

### Animal Science (ANSI)

22 hours. ANSI 1124. 18 hours from ANSI 2253, 3333, 3423, 3433, 3443, 3523, 3543, 3653, 3753, 4023, 4203, 4333, 4423, 4543, 4553, 4613, 4633, 4643, 4803, 4863; at least 3 of these credits must be from 4000 level courses. Department of Animal Science, 101 ANSI, 405-744-6062 or 744-9253.

### Biochemistry (BIOC)

20 hours. CHEM 1515, 3053, 3153, BIOC 3713, 3723 and 3813. Department of Biochemistry and Molecular Biology, 246 NRC, 405-744-6189.

### Entomology (ENTO)

15 hours. ENTO 2993; One course from: ENTO 3044, 4464, 4223, or 4854. 8-9 credit hours from any other ENTO courses to achieve the 15 minimum credits. Department of Entomology and Plant Pathology, 127 NRC, 405-744-5527.

### Environmental Economics, Politics and Policy (EPPP)

21 hours. At least 12 hours from: AGECE 1113 or ECON 2103; AGECE 3503 or ECON 3903, 4503; and at least 11-12 hours from: AGECE 3703, 3713; ECON 3113; ENVR 4512, 4573; GEOG 3153, 4233; GEOL 4663; HIST 4523; NREM 3323, 4093, 4353 (or RMTR 4473); POLS 4363, 4593; SOC 4433, 4473, 4533. No grade below "C". At least nine upper-division hours must be taken at OSU. Department of Agricultural Economics, 308 Ag Hall, 405-744-6161.

### Fisheries and Aquatic Ecology (FAEC)

22 hours. ZOOL 1604; BIOL 3034; NREM 4403 or 4424; NREM 4414; ZOOL 4434. Three additional hours from: ENTO 4483; ZOOL 4115; NREM 4403 or 4424 (if not previously used). Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.

### Food Science (FDSC)

20 hours. FDSC 1133; 17 credits from: FDSC 2253, 3113, 3154, 3182, 3210, 3333, 3373, 3603, 4333, 4763, 4910; ANSI 3543 (or NSCI 4323); MCAG 4123. Credits in 3210 and 4910 may be used for this minor only if they involve activities approved by the Food Science Adviser in advance. Department of Animal Science, 101 ANSI, 405-744-6062 or 744-9253.

### Forestry (FOR)

23 hours. NREM 1113 or 3343; 2134; 2013 or 3213; 3224. A minimum of nine additional hours (at least six hours must be upper-division) from NREM 1213, 2103, 2112, 3063, 3083, 3101, 3102, 3103, 3113, 3323, 4043, 4053, 4093, 4213, 4323, 4333, 4443. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.

### Horticulture (HORT)

23 hours. SOIL 2124; BOT 1404; HORT 1013, 3084. Minimum of eight hours from HORT prefix courses excluding 1003, 2010, 4671, 4990, 5110; at least three of these hours must be at the 3000-level or above. Department of Horticulture and Landscape Architecture, 360 Ag Hall, 405-744-5414.

### Leadership Education (LDED)

17 hours. AGLE 1511, 2303, 3303, 4101, 4303; Choose two from the following: AGLE 2403, 3403, 3503, 3803; EPSY 3213 or 3413. Department of Agricultural Education, Communications and Leadership. 448 Ag Hall or 441 Ag Hall, 405-744-8036 or 744-5130.

### Natural Resource Ecology and Management (NREM)

22 hours. NREM 1014 and 2013. A minimum of nine additional hours from NREM 1113 or 3343, 3503, 3613, 3713, 4414. Six additional hours not already used previously, or choose from: SOIL 2124, BIOL 3034, NREM 3073, 3083, 3101, 3103, 3213, 3224, 3513, 4023, 4033, 4043, 4053, 4063, 4093, 4404, 4443, 4464, 4524, 4613, 4783. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.

### Pest Management (PEST)

18 hours. ENTO 2993 and/or PLP 3343; 3-6 hours from the following: PLP 3663 or PLNT 3113, 4113, 4123, or ENTO 3003, 3021, 3331, 3421, 3461, 4854 or 4923. Additional 3-4 hours from: BOT 1404; PLNT 1213, 2013; HORT 1013; ANSI 1124; MICR 2123; NREM 1113, 2013; SOIL 2124. Additional hours from any of the following not already taken for credit, or other upper level course approved by the minor's departmental adviser, so that the total number of hours adds up to at least 18: ENTO 3003, 3021, 3044, 3331, 3421, 3461, 4223, 4464, 4483, 4854; PLP 3343, 3553, 3663; ENTO/PLP 2143, 4923; PLNT 3113, 4113, 4123; SOIL 4363, 4483; NREM 3613, 4033. Department of Entomology and Plant Pathology, 127 NRC, 405-744-5527.

### Rangeland Ecology and Management (REM)

22 hours. PLNT 1213 (or BOT 1404); NREM 2013, 3613; SOIL 2124; Choose a minimum of nine additional hours from NREM 3083, 4023, 4033, 4613, 4783, 4793; PLNT 4613. Department of Natural Resource Ecology and Management, 011 Ag Hall, 405-744-5438.

### Soil Science (SLSI)

19 hours. SOIL 2124; PLNT 1213; 6 hours from the following: SOIL 3433, 4483, 4683, 4893; 6 hours from the following: SOIL 3883, 4213, 4234, 4363, 4463, 4913. Department of Plant and Soil Sciences, 369 Ag Hall, 405-744-6130.

### Wildlife Ecology (WLEC)

26 hours. BIOL 3034; BOT 1404; NREM 3513, 3503; ZOOL 1604. A minimum of eight additional hours from NREM 4464, 4524, 4543; ZOOL 4115, 4174. Department of Natural Resource Ecology and Management, 008 Ag Hall, 405-744-5438.

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## Minors - College of Arts and Sciences

Half of total minor requirements and half of the upper-division courses required for the minor must be completed in residence at OSU.

### Aerospace (AERO)

18 hours. 16 hours must be upper-division. GPA of 2.5 with no grade below "C". Matthew Goddard, 320 TH, 405-744-7744.

### Africana Studies (AFAM)

18 hours. 3 hours from GEOG 3763, HIST 4153, 4163, POLS 3953. 6 hours from ENGL 3193, PSYC 4133, REL 3613, SOC 3133; and 9 hours from ANTH 3353, GWST 3613, HIST 3503, 4173, MGMT 4213, POLS 3973, SOC 4383. GPA of 2.5 with no grade below a "C". Vincent Burke, 201 MUR, 405-744-5569.

### American Indian Studies (AMIS)

18 hours from at least three disciplines. 12 hours must be upper-division. AMIS 2013, 9 hours from: AMIS 4013, ART 4763, EEE 4010 (Native American Entrepreneurship), ENGL 3183, FLL 1000 (Mvskoke Language and Culture), GEOG 3243, HIST 3793. 6 additional hours from the list above or: ART 3733, GEOG 3703, GEOG 4103, HIST 4523, HIST 3763, MGMT 4213, EEE 3033, PSYC 4133, SOC 3133, SOC 3213. The following courses may be used with permission from the faculty coordinator: ENGL 3813, HIST 2323, HIST 3753, HIST 4980, PSYC 4880, PSYC 4990. No grade below "C". John Chaney, 109 NH, 405-744-6113.

### American Studies (AMSD)

18 hours. AMST 3223; 9 hours of additional AMST-prefix courses (6 hours of which must be upper-division); and 6 hours upper-division courses with a focus relevant to the field of American Studies approved by faculty coordinator. GPA of 2.5 with no grade below "C". Stacy Takacs, MCB 2221, OSU-Tulsa, 918-594-8331; stacy.takacs@okstate.edu.

### Ancient and Medieval Studies (AAMS)

23 hours. Minimum of GREK 1223, LATN 1223, or FLL 1000 (must be second semester Hebrew); and 18 hours from at least three disciplinary areas: ART 3603, 3723, 4693, ENGL 2543, 3123, HIST 3013, 3023, 3033, 3043, 3233, 3373, MUSI 3753, PHIL 3113, REL 2013, 2023, 3223, 3243. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

### Anthropology (ANTH)

18 hours. ANTH 2353, 3353, 3 hours any level ANTH and 9 hours upper-division ANTH. Minimum GPA of 2.5 with no grade below a "C". Dahlia Gonzalez Molloy, 427 Murray, 405-744-6114.

### Applied Politics (PSAP)

19 hours. POLS 3414; 3523; 3533 and 9 hours from: JB 2013, 3013, 4753, MKTG 3213, POLS 3353, 3513, PSYC 4153, SPCH 3733. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

### Art History (ARTH)

21 hours. ART 1603 or 2603 or 2613; and \*six courses from ART 3603, 3623, 3633, 3643, 3653, 3663, 3673, 3683, 3693, 3713, 3723, 3733, 3743, 4593, 4603, 4613, 4633, 4653, 4663, 4673, 4683, 4693, 4703, 4713, 4800. GPA of 2.5 with no grade below "C". \*Non-Art majors may substitute ONE 3 hour studio art course. Ulrike Schoenknecht, 408 BC, 405-744-4064.

### Asian Studies (ASTD)

21 hours. Minimum of one 2000-level JAPN or CHIN course (or equivalent proficiency); and 18 hours from at least three disciplinary areas: ANTH 3353\*, 4990\*, ART 3693, 4663, 4673, 4703, 4800\*, ECON 3613\*, 4643\*, FLL 3500\*, GEOG 3133\*, 3753, 3783, HIST 1713, 3053, 3403, 3413, 3423, 3433, 3980\*, 4980\*, MKTG 4553\*, PHIL 3943, POLS 3053, 3223, 3233, 4053\*, SOC 3713\*, 4533\*. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

\*All courses marked with an asterisk(\*) are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator required.

### Biochemistry (BIOC)

20 hours. CHEM 1515; 3053; 3153; BIOC 3713; 3723; and 3813. GPA of 2.0. Patricia Canaan, 246 NRC, 405-744-6199.

### Biology (BIOL)

27 hours. BIOL 1114; 3023; 3034; BOT 1404; MICR 2123; 2132; 3033 and ZOOL 1604. No grade below "C". Kathleen Wilson, 213 LSE, 405-744-9965.

### Botany (BOT)

14 hours. BOT 1404; 3005 or 3114; and 5 or 6 hours from upper-division BOT to complete the required 14 hours. No grade below "C". Kathleen Wilson, 213 LSE, 405-744-9965.

### Central Asian Studies (CAST)

23 hours. Minimum of one 2000-level RUSS course (or equivalent proficiency in Kazak, Kyrzhyz, Tadjik, Turkmen, or Uzbek); and GEOG/HIST/ POLS/ RUSS 3053; and 15 hours from at least three disciplinary areas: GEOG 3733, HIST 3003 (or POLS/RUSS), 3153, 3163, 3203, 3503, POLS 3053, 3123, REL 4113. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

### Chemistry (CHEM)

18 hours of chemistry courses at the 2000-level or above in at least three fields in CHEM, which may include BIOC. GPA of 2.0. Richard Bunce, 412 PS, 405-744-5952.

### Classical Studies (CLST)

21 hours. 12 hours of either Greek or Latin; and nine hours from FLL 2103, ART 3603, HIST 3023, HIST 3033, PHIL 3113. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

### Cognitive Science (CSCI)

27 hours from at least three disciplinary areas: CS 1103, 1113, 2133, 2433, 3363, 3443, 4343, 4793, 4883, ENGL 2243, 2443, 4003, 4013, 4043, 4063, 4080, 4083, 4093, MSIS 2103, 3303, 3243, 4013, 4113, 4133, 4223, 4243, 4253, 4263, 4523, PHIL 3003, 4003, 4313, 4543, 4733, 4983, PSYC 3073, 3173, 3513, 3713, 3823, 4223, 4343, 4990, SPCH 3733, 4753, 4793. No more than four courses with the same prefix. No grade below "C". Shelia Kennison, 219 NH, 405-744-7335.

### Computer Science (CS)

21 hours. CS 1113; 2133; 3443; and 12 hours from 2331, 2351, 2433, 3363, 3513, 3613, 3653, 4143, 4173, 4183, 4243, 4273, 4283, 4323, 4343, 4433, 4793. One course must be 4000-level. No more than two courses may be transferred from another institution. Chuck Ellis, 216 MSCS, 405-744-5675.

### Economics (Arts and Sciences) (ECAS)

15 hours of ECON courses. 9 hours must be upper-division. GPA of 2.0. Kevin Seymore, 102 NH, 405-744-4015.

### Emergency Management (EM)

15 hours. POLS 3813; 3733 or 3893; 6 hours from POLS 2033, 3493, 3613, 3953, 4363, 4413, 4453, 4593 or 6 hours from POLS 3033, 3053 (or GEOG/HIST/ RUSS), 3143, 3193, 3313, 4013, 4053, 4113, 4223; and 3 hours from ENVR 1113, FPST 1213, FPST 2153, GEOG 2343, PSYC 2313, SOC 4433. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

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**English (ENGL)**

18 hours exclusive of Freshman Composition. At least 9 hours must be upper-division. GPA of 3.00 with no grade below "C". Jules Emig, 209 MOR, 405-744-6146.

**Environmental Economics, Politics, and Policy (EPPP)**

21 hours. At least 12 hours from: AGECE 1113 or ECON 2103; AGECE 3503 or ECON 3903; POLS 3493; AGECE 4503 or POLS 4363 or POLS 4593; and at least eight hours from: AGECE 3703, 3713, 4503, 4703; ECON 3113; ENVR 4573, 4512; GEOG 3153, 4233; GEOL 4663; HIST 4523; LA 4433, 4583; NREM 3323, 4353 (or RMTR 4473), 4393; NSCI 3543; POLS 2033, 4353, 4363, 4593; SOC 4433, 4453, 4473, 4533. No grade below "C". At least nine upper-division hours must be taken at OSU. Vincent Burke, 201 MUR, 405-744-5569.

**European Studies (EUST)**

35 hours. 10 hours of FREN, GRMN, RUSS, or SPAN; A&S 2001; 25 hours of course work below; 6 hours from each of the two tracks below with at least one European history and no more than two courses from the same prefix:

**European Society:** GEOG 3723, HIST 3023, 3033, 3113, 3203, 3243, 3253, 3263, 3273, 3323, 3353, 3373, 3383, 3483, 3493, POLS 2113, 3143, 3663, 4133.

**European Culture:** ART 2603, 2613, 3603, 3623, 3633, 3653, 3683, 3713, 3723, ARCH 3073, 3083, 4073, 4083, ENGL 3123, 3163, 3463, 4100, 4110, 4120, 4130, 4160, 4200, 4300, 4350, FREN 3853, 4153, 4163, 4173, 4183, 4333, GRMN 3333, 4153, 4163, 4333, 4513, 4523, 4533, HIST 3343, 3913, 3963, MUSI 2573, 3753, 3763, 3873, PHIL 3113, 3213, 3313, 3913, 4113, SPAN 4123, 4133, 4163, 4173, 4223, 4253, 4263\*, 4323, TH 3923, 3933. No grade below "C." David Crawford, 213 LSE, 405-744-5658.

\*All courses marked with an asterisk(\*) are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator required.

**Foreign Language (FREN) (GRMN) (CHIN) (JPN) (SPAN) (RUSS) (GREK) (LATN)**

The completion of all lower-division course work or its equivalent in same language to be followed by:

French, German\*, Chinese, Japanese, Spanish, Russian – 6 hours of upper-division credit in courses taught in the target language. \*Restrictions apply for German upper-division courses. Consult adviser for details.

Latin, Greek – 9 hours of upper-division credit in courses taught in the target language.

GPA of 2.5 with no grade below "C" in all upper-division courses. David Crawford, 213 LSE, 405-744-5658.

**Gender and Women's Studies (GWST)**

21 hours. GWST 2113 or 2123; 4113; 9 hours from classes focusing on gender and women including but not limited to ART 4693, ENGL 3153, GWST 3450, 3513, 3613, 3713, 4013, 4503, 4950, 4990, HIST 3443, 4553, 4573, HONR 3053, POLS 4693, 5810, PSYC 4123, SOC 4043, 4643, 4950 (Gender in the Middle East), 5043; and 6 hours from classes that complement gender and women's studies including but not limited to AMST 3313, 3423, 3430, ART 4613, CIED 5623, 6030, HIST 3683, 3913, MGMT 4213, PHIL 3713, 3813, 3833, POLS 4963, PSYC 4483, SCFD 6443, 6983, SOC 4723, 5333. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

**Geography (GEOG)**

16 hours. GEOG 1114; and 1113 or 2253; plus at least nine additional hours, including six at the upper-division level. No grade below "C". Jacqueline Vadjunec, 324 MUR, 405-744-3293.

**Geology (GEOL)**

25 hours. GEOL 1114; 1224; 2254; 2364; and at least 9 hours of upper-division courses. No grade below "C". Jim Puckette, 405 NRC, 405-744-6374.

**Hispanic and Latin American Studies (HLAS)**

23 hours. Minimum of one 2000-level SPAN course (or equivalent proficiency in Portuguese); and 18 hours from at least three disciplinary areas: ANTH 3443, 4223, ARCH 3083, ART 3633, FLL 3103, GEOG 3743, HIST 3243, 3453, 3463, POLS 3193, 4053\*, SPAN 3013, 3023, 3033, 4123, 4133, 4163, 4253, 4263, 4323, 4333, 4550, 5110. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

\*All courses marked with an asterisk(\*) are variable-topic courses and may count toward the minor when topic appropriate. Prior approval from faculty coordinator required.

**History (HIST)**

18 hours. 12 hours must be upper-division. GPA of 2.5 with no grade below "C". Donald Bellows, 101B MUR, 405-744-8197.

**International Studies (INTS)**

18 hours with no more than 6 hours from any one prefix. 6 hours International Decision Making, from: AGECE 4343, AGED 4713, BADM 3713, DHM 4423, ECON 3613, 4643, FIN 4213, HRAD 3223, 4090, LSB 4633, MGMT 4613, 4693, 4883, MKTG 4553, POLS 4013, SOC 4453; 9 hours International Environment, from: ANTH 3353, 3443, 4883, AVED 4653, CTD 4333, CIED 4724, 4730, 4734, EDUC 3080, GEOG 3053, 3133, 3723, 3733, 3743, 3753, 3763, 3783, 3793, 4143, HDFS 3203, HIST 3053, 3113, 3133, 3163, 3273, 3323, 3333, 3343, 3413, 3423, 3433, 3443, 3463, 3493, 3513, 3543, 3553, 3963, 4980, HONR 3013, 3023, 3033, 4933, LA 4433, 4573, 4583, MC 4153, NSCI 3543, POLS 3003, 3033, 3053, 3123, 3143, 3163, 3193, 3223, 3313, 4010, 4043, 4053, 4113, SOC 4033, 4533, 4653, SCFD 4913; 3 hours International Experience. Plus 10 hours of one foreign language or equivalent proficiency. GPA of 2.0 in U/D courses. Janet Herren, 744-4344, janet.herren@okstate.edu.

**Legal Studies (LEGL)**

18 hours. POLS 2023 (or HONR 2013); 3983; 3993 and 9 hours from: AGECE 3713, ENGR 4103, ENGR 4133, LSB 3213, PHIL 3843, POLS 4363, 4963, 4973, 4980, PSYC 4143, SOC 4443. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

**Mathematics (MATH)**

22 hours. MATH 2144; 2153; 2163; and 12 hours of MATH for which calculus is a prerequisite. No grade below "C". Roger Zierau, 401 MSCS, 405-744-5688.

**Microbiology (MICR)**

15 hours. MICR 2123 and 2132 with minimum grade of "C" prior to declaration of minor. MICR 3223; and 7 hours upper-division microbiology courses (excluding MICR 3103). Zero ending courses allowed with departmental approval. No grade below "C". Tiffany Frietze, 213 LSE, 405-744-9965.

**Middle East Studies (MES)**

22 hours. 10 hours of college level language instruction in Arabic, Farsi, modern Hebrew or Turkish and 12 hours in at least two separate disciplines from AMST (or ENGL )3813, 3950 (Global Islam), ARCH 4273, GEOG 3783, HIST 3543, 3553, REL 4113, 4213, SOC 4653. GPA of 2.5 with no grade below "C". David Crawford, 213 LSE, 405-744-5658.

**Military Science (MLSC)**

18 hours. 14 hours must be upper-division. GPA of 2.5 with no grade below "C". LTC Kevin Nicholas, 312 TH, 405-744-1775.

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**Music (MUSC)**

24 hours. MUSI 1531; 1533; 1541; 1543; 3763; 3873 (3753 may be substituted for either 3763 or 3873); 8 hours applied music, including 6 hours in primary instrument, 2 hours of piano (if piano is primary applied area, 2 hours in a secondary applied area of the student's choosing), and 2 hours music organizations from MUSI 2610/3610, 2620/3620, 2630/3630. GPA of 2.0 with no grade below "C". Department of Music, 132 SC, 405-744-8997.

**Philosophy (PHIL)**

18 hours. 12 hours must be upper-division. GPA of 2.5. Anthony Valentine, 213 LSE, 405-744-5658.

**Physics (PHYS)**

20 hours. PHYS 2014 or 2314; 2114 or 2414; 3713 and 9 hours upper-division PHYS. GPA of 2.0. Jim Harmon, 145 PS, 405-744-9692.

**Political Information and Security Analysis (PISA)**

18 hours. 9 hours to include 6 hours from POLS 2013 and Security Analysis and Briefing course, 3 hours from POLS 4013, 2033, or 3103. 9 hours with one course from Option A and one course from Option B. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

**Political Science (POLS)**

15 upper-division hours to include three fields of political science (public law, American politics, public administration, political theory, comparative politics and international relations). At least 3 of the hours must be taken in a field other than American politics, public law, and public administration. GPA of 2.5 with no grade below "C". Vincent Burke, 201 MUR, 405-744-5569.

**Psychology (PSYC)**

24 hours. PSYC 1113 and 9 hours upper- or lower-division PSYC; plus 12 hours upper-division PSYC. No grade below "C". (CPSY and EPSY courses not applicable). Silvia Daggy, 102 NH, 405-744-5543.

**Religious Studies (REL)**

18 hours. REL 1103 (may substitute an extra course from non-Western religion list below); 2013 or 2023; 9 upper-division REL and 3 hours non-Western religion from REL 3573, 4113, PHIL 3943 or upper-division HIST (Asian or African Religious History). GPA of 2.5. (Awarding of the Religious Studies minor is subject to course availability). Anthony Valentine, 213 LSE, 405-744-5658.

**Russian and East European Studies (REES)**

23 hours. Minimum of one 2000-level RUSS course (or equivalent proficiency); and 15 hours from at least three disciplinary areas: GEOG 3723, 3733, HIST 3153, 3163, 4563, POLS 3123, 4053, RUSS 3123, 4113, 4123, 4133. GPA of 2.0. David Crawford, 213 LSE, 405-744-5658.

**Sociology (SOC)**

18 hours. SOC 1113; 3113; and 3 hours of any level SOC and 9 hours of upper-division SOC. GPA of 2.5 with no grade below "C". Dahlia Gonzalez Molloy, 427 MUR, 405-744-6114.

**Statistics (STAT)**

23 hours. STAT 4013; 4023; 4043; 4091; 4203; and MATH 2144; 2153; and 2163. GPA of 2.5 with no grade below "C". (If any of these courses are required for the student's major, computer science courses (up to two) may be added as requirement). Carla Goad, 301 MSCS, 405-744-5684.

**Studio Art (STDA)**

24 hours. ART 1103, 1113, 1203, 1303, 1603 or 2603 or 2613, and 3 hours from 2223, 2233, 2273, 2283; and 3 hours from 2243, 2253, 2263; plus 3 hours ART 2000 or above. GPA of 2.5 with no grade below "C". Ulrike Schoenknecht, 408 BC, 405-744-4064.

**Theatre (TH)**

19 hours. TH 2413; Three hours from TH history (3923, 3933, 3943, 5223) or TH dramatic literature (3213, 3633, 5600) or TH play analysis (2563). One hour TH 1500, 2500 or 3500. 12 additional hours approved by department head. Nine hours must be upper-division. No grade below "C". J. Kevin Doolen, 121 SC, 405-744-6094.

**Zoology (ZOOL)**

25 hours. BIOL 1114; 3023; ZOOL 1604; 4133; BIOL 3034 or ZOOL 3204; one course from ZOOL 3104, 4104, 4115, 4174, 4464, or 4484; and one additional upper-division course in ZOOL (must be approved by Zoology advisor). No grade below "C". Dana Hatter, 213 LSE, 405-744-9965.

## Minors - College of Education

**Aerospace Administration and Operations - Aviation Management (AAAM)**

27 hours. AVED 2113, 3433, 3513, 3523, 3543, 3663, 4113, 4663, and 4953. GPA of 2.5 with no grade below "C". Education Student Academic Services, 106 Willard, 405-744-6350.

**Aerospace Admin and Operations - Professional Pilot (AAPP)**

24 Hours. AVED 1114, 1222, 2122, 2132, 2142, 2213, 2313, 4113, and 4303. GPA of 2.5 with no grade below "C". Education Student Academic Services, 106 Willard, 405-744-6350.

**Aerospace Administration and Operations - Safety and Security (AASS)**

24 hours. AVED 3453, 3463, 3473, 4413, 4423 and nine additional hours from AVED 3663, 4113, 4433, 4943, POLS 3733, 3813, 3893. Education Student Academic Services, 106 Willard, 405-744-6350.

**Creativity Studies (CRST)**

18 hours. EPSY 3063, EEE 3663, EPSY 4063. And choose 3 course (9 hours), no more than two courses in any department from: AMST 3550, DHM 2003, HDF5 2233, EEE 1010, EEE 1020, EEE 4010, PHIL 4113. GPA of 2.5 with no grade below "C". Education Student Academic Services, 106 Willard, 405-744-6350.

**Educational Psychology (EPSY)**

21 hours from: EPSY 3063, 3513, 3533, 4063, 4223, 4513, 4533; EPSY 3113 and/or 3213 or 3413 (no credit for 3413 if 3113 or 3213 are used); RMTR 2443; CPSY 4443; SPED 3202. GPA of 2.5 with no grade below "C". Education Student Academic Services, 106 Willard, 405-744-6350.

**Health Education and Promotion (HEPR)**

26 Hours. HHP 2213, 2603, 2654, 3114, 3613, 3643, 4973, and three additional hours from HHP 3623, 3723, 3913, 4233, 4533, 4773, 4783 or NSCI 2114. GPA of 2.5 with no grade below "C". Education Student Academic Services, 106 Willard, 405-744-6350.

**Leadership (LDRS)**

18 hours course work: EDLE 2513, EDLE 4513, UNIV 3110 (6 hours), six elective hours of leadership. 40 hours of documented service learning. GPA of 2.5 with no grade below "C". Steve Haseley, 033 CLB, 405-744-2129; or Steve Harrist, 426 Willard, 405-744-4837.



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### **Leisure Studies (LEIS)**

21 hours. RMTR 2413, 2473, 3431, 3432, 3463, 4433, and six hours of RMTR elective (one course must be 4000-level, no credit for Leisure/Activity courses) in consultation with RMTR faculty or Education adviser. GPA of 2.5 with no grade below "C". Education Student Academic Services, 106 Willard, 405-744-6350.

## **Minors - College of Engineering, Architecture and Technology**

### **Architectural Studies: History And Theory (ASHT)**

21 hours. ARCH 2003, and any six additional Architectural history/theory courses, may include ARCH 4373/5373 (European Program). GPA of 2.5 with no grade below "C". Randy Seitsinger, [randy.seitsinger@okstate.edu](mailto:randy.seitsinger@okstate.edu), 336 ATRC, 405-744-9051.

### **Fire Protection Systems (FPS)**

21 hours. FPST 1213, 1373, 2243, 2483, 3143, 3373, 4143, Fire Safety Hazards Recognition, Fire Suppression and Detection Systems, Design and Analysis of Sprinkler Systems, Fire Protection Hydraulics and Water Supply Analysis, Structural Design for Fire and Life Safety, Fire Dynamics, Industrial Ventilation and Smoke Control. Michael Larrañaga, [michael.larranaga@okstate.edu](mailto:michael.larranaga@okstate.edu), 499 Cordell South, 405-744-5721.

### **Homeland Security Science and Technology (HSST)**

22 hours. ENTO/PLP 2143, FPST 2344, POLS 3313, 3893, AVED 4413, MSIS 4223, Global Issues in Agricultural Biosecurity and Forensics, Elements of Industrial Hygiene, Politics of the Middle East, Terrorism and Emergency Management, Aviation Terrorism and Asymmetrical Warfare, Information Assurance Management; and three hours from FPST 4403, CIVE 3813, or ENGR 4133. Michael Larrañaga, [michael.larranaga@okstate.edu](mailto:michael.larranaga@okstate.edu), 499 Cordell South, 405-744-5721.

### **Nuclear Engineering (NENG)**

20-22 hours. ENGR 4213, and three hours from: ENGR 4211, 4201, and 4203; and nine hours from: ENGR 4233, 4243, 4223, 4273 to complete minor in Nuclear Energy Systems. Nine hours from ENGR 4243, 4263 and 4253 to complete minor in Nuclear Reactor Theory. Overall GPA of 2.5 in courses submitted for the minor. Grade of "C" or better in each course submitted for the minor. CEAT Student Services, 101 Engineering North, 405-744-5276.

### **Petroleum Engineering (PETE)**

21 hours. GEOL 3413, ENGR 4303, ENSC 3233, GEOL 4323, ENGR 4313, Petroleum Geology for Engineers, Physical and Chemical Behavior of Petroleum Fluids, Fluid Mechanics, Advanced Well Log Analysis, Drilling Engineering; and six hours from: ENGR 4333, ENGR 4343, GEOL 4103, or GEOL 4303. GPA of 2.5 with no grade below "C". CEAT Student Services, 101 Engineering North, 405-744-5276.

### **Safety and Exposure Sciences (SAES)**

22 hours. FPST 1213, 2023, 2344, Fire Safety Hazards Recognition, Introduction to Occupational Safety Techniques, Elements of Industrial Hygiene; and 12 hours from: FPST 3233, 3013, 3213, 4123, AVED 4943, CIVE 3813, AVED 4113, CMT 4443, AVED 3243, ENGR 4133, or ENGR 4203. Michael Larrañaga, [michael.larranaga@okstate.edu](mailto:michael.larranaga@okstate.edu), 499 Cordell South, 405-744-5721

Contact the following individuals for information on areas of concentration:

Engineering, Dr. David Thompson, [david.r.thompson@okstate.edu](mailto:david.r.thompson@okstate.edu), 201 ATRC, 405-744-5140

Architecture, Mr. Randy Seitsinger, [randy.seitsinger@okstate.edu](mailto:randy.seitsinger@okstate.edu), 101AK Donald W Reynolds Bldg, 405-744-9051

Construction Management Technology, Dr. Dana Hobson, [dana.hobson@okstate.edu](mailto:dana.hobson@okstate.edu), 485 Cordell, 405-744-8714

Electrical Engineering Technology, Dr. Imad Abouzahr, [imad.abouzahr@okstate.edu](mailto:imad.abouzahr@okstate.edu), 398 Cordell, 405-744-8718

Fire Protection & Safety Technology, Dr. Michael Larrañaga, [michael.larranaga@okstate.edu](mailto:michael.larranaga@okstate.edu), 499 Cordell, 405-744-2673

Mechanical Engineering Technology, Dr. James Bose, [jim.bose@okstate.edu](mailto:jim.bose@okstate.edu), 294 Cordell, 405-744-6270

## **Minors - College of Human Sciences**

### **Apparel Design and Production (ADP)**

24 hours with a 2.50 cumulative/retention GPA. DHM 1003, 1103, 1433, 1993, 2203, 2443, 2573 and 3013; plus 3 credits from: DHM 2212, 3023, 3123, 3153, 3213, 3533, 4403, 4453 or 4993. Merchandising or Interior Design options must complete 18 credit hours in addition to the requirements for their options. Acceptance to the minor based upon cumulative graduation/retention GPA of 2.0 if less than 31 hours completed; 2.25 if 31-45 hours completed; 2.50 if over 45 hours completed; Minimum of "C" required in all minor courses. Department of Design, Housing and Merchandising, 431 HSCI, 405-744-5035.

### **Child Development (CHDV)**

21 hours minimum, 15 hours upper-division with a 2.50 GPA. HDFS 2113, 2123, 3123, 3413, 3423, 3443 and 4423. Department of Human Development and Family Science, 233 HSCI, 405-744-5057.

### **Gerontology (GERO)**

21 hours minimum, 18 hours upper-division with a 2.50 GPA. HDFS 2113, 3443, 4413, 4543, 4713, 4813 and 4793. Department of Human Development and Family Science, 233 HSCI, 405-744-5057.

### **Individual, Family and Community Services (IFCS)**

21 hours minimum, 18 hours upper-division with 2.50 GPA. HDFS 2113, 3123, 3433, and 4793; choose three from: HDFS 3113, 3413, 3423 or 4413. Department of Human Development and Family Science, 233 HSCI, 405-744-5057.

### **Merchandising (MERC)**

24 hours with a 2.50 cumulative/retention GPA. All students earning a Merchandising minor must complete all of the following courses: DHM 1003, 1433, 2573, 2423, 3433, 3553, 3563 and 3853. Acceptance to the minor based upon cumulative graduation/retention GPA of 2.0 if less than 31 hours completed; 2.25 if 31-45 hours completed; 2.50 if over 45 hours completed; Minimum of "C" required in the prerequisite course ACCT 2103; Minimum of "C" required in all minor courses. Department of Design, Housing and Merchandising, 431 HSCI, 405-744-5035.

### **Nutritional Sciences (NSCI)**

23 hours with a 2.50 cumulative graduation/retention GPA. NSCI 2114, 3223, 3543, 4023, 4323, BIOC 3653 and ZOOL 3204. Acceptance to the minor based upon cumulative graduation/retention GPA of 2.50. Minimum of "C" required in all minor courses. Department of Nutritional Sciences, 301 HSCI, 405-744-5040.

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## Minors - Spears School of Business

For minors requiring 27 hours, 18 of the 27 hours must be taken in residence at OSU, and 6 of the 9 hours for the Specific Minor Area must be taken in residence at OSU. For minors with various required hours, please see specific minor.

### Accounting (ACCT)

27 hours. ACCT 2103, 2203, and 3103, and six hours of upper-division accounting; ECON 2103 or 2203; three courses from LSB 3213, FIN 3113, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Creativity Studies (CRST)

18 hours. EPSY 3063, EEE 3663, EPSY 4063. And choose 3 course (9 hours), no more than two courses in any department from: AMST 3550, DHM 2003, HDFS 2233, EEE 1010, EEE 1020, EEE 4010, PHIL 4113. GPA of 2.5 with no grade below "C". Business Student Services, 103 Business, 405-744-2772.

### Economics (Business) (ECBU)

27 hours. ECON 2103, 2203, and nine hours of upper-division economics (must have a 2.0 in the 15 hours of required economics courses.); ACCT 2103; Nine hours from LSB 3213, FIN 3113, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Entrepreneurship (EEE)

18 hours. ACCT 2103, ECON 2103 or IEM 3503 or AGECE 1114, EEE 3023; 9 hours from EEE 3020, 3033, 3123, 3263, 3403, 3513, 3663, 4010, 4113, 4263, 4313, 4483, 4513, 4603, 4610, 4653, LSB 4403, ECON 3033, ENGR 4113, MKTG 4550, 4973, DHM 4453, EPSY 3103, 3110, 4063. GPA of 2.5. Department of Entrepreneurship, 104 Business, 405-744-5357.

### Finance (FIN)

27 hours. FIN 3113 and nine hours of upper-division finance, excluding FIN 4063; nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; six hours from LSB 3213, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### General Business Administration (GNBU)

27 Hours. ACCT 2103, 2203; ECON 2103, 2203; MSIS 2103, LSB 3213, FIN 3113, MGMT 3013, and MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Human Resource Management (HRM)

27 hours. MGMT 3013, 3313, and six hours from MGMT 4123, 4133, 4153, 4213, 4713, 4813; nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; six hours from FIN 3113, LSB 3213, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Information Assurance (IA)

21 hours. MSIS 3123, 4003, 4233, 4243, 4253, 4273; three hours from MSIS 4523, CS 4283, ECEN 4283. Only MSIS 4523 may be transferred from another institution. GPA of 2.5. Business Student Services, 103 Business, 405-744-2772.

### International Business (INBU)

27 hours. Nine hours from MKTG 3993, 4553, LSB 4633, ECON 3613, FIN 4213, MGMT 4613, 4693, ACCT 4763; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Nine hours from FIN 3113, LSB 3213, MGMT 3013, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Management (MGMT)

27 hours. MGMT 3013, 3123, 3313, 4073; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Six hours from FIN 3113, LSB 3213, or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Management Information Systems (MIS)

30 hours. MSIS 2103, 2203 and 3103 or 3333; Three hours upper division MSIS excluding 3223; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Nine hours from FIN 3113, LSB 3213, MGMT 3013 or MKTG 3213. GPA of 2.0. 18 of the 30 hours must be taken in residence at OSU, and 9 of the 12 directed hours for MIS must be taken in residence at OSU. Business Student Services, 103 Business, 405-744-2772.

### Management Science and Computer Systems (MSCS)

27 hours. MSIS 2103, 3103, 3233, 4263; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Nine hours from FIN 3113, LSB 3213, MGMT 3013, or MKTG 3213. GPA of 2.0. 18 of the above hours must be taken in residence at OSU, and 9 of the 12 directed hours for MSCS must be taken in residence at OSU. Business Student Services, 103 Business, 405-744-2772.

### Marketing (MKTG)

27 hours. MKTG 3213 and nine hours of upper-division marketing courses; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Six hours from FIN 3113, LSB 3213, or MGMT 3013. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

### Sports Management (SPMG)

27 hours. MGMT 3013, 3943 and six hours from MGMT 4743, 4843, and 4943; Nine hours from ACCT 2103 or 2203 or ECON 2103 or 2203; Six hours from FIN 3113, LSB 3213 or MKTG 3213. GPA of 2.0. Business Student Services, 103 Business, 405-744-2772.

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## Undergraduate Certificate

### Environmental Studies (EVST)

24 hours.

Three hours from *Natural and Physical Environment*: ENVR 1113, GEOG 1114, GEOL 1014, NREM 1014;  
three hours from *Policy, Society, and Law*: BOT 3253, HIST 4523, SOC 4433, POLS 4363, POLS 4593, NREM 4043;  
three hours from *Resource Conservation*: GEOG 3153, NREM 3513, NREM 3343, SOIL 4463;  
three hours from *Economic Sustainability*: ARCH 4233, AGEC 3503, ECON 3903, DHM 4573;  
three hours from *The Built Environment*: ARCH 2003, ARCH 4293, GEOG 3123, HIST 4063, LA 3673, RMTR 4463.

Six hours from among these free electives: CIED 4560, GEOG 4233, RMTR 4453, NREM 4053, NREM 4063, NREM 4093, SOC 4453, 4473, NSCI 3543.

Three hour Capstone: Internship, Independent Research, or International Travel.

The courses listed above may change due to new course additions, changes in course rotations, and changes in instructors. For the latest list, please consult the website at: [enst.okstate.edu](http://enst.okstate.edu). David Crawford, Program Advisor, 213 LSE, 405-744-5658.

### International Competency (INTC)

15-30 hours. This certificate provides students from any college or major with an opportunity for depth in a specific international region. All applicable courses that count toward the certificate, with the exception of the "International College Courses" area, MUST be specific to a single country or region. For approved requirements sheets, see the program contacts.

International College Courses: Complete three hours of upper-division coursework from the approved list for the certificate. This course will address general international issues within a discipline rather than within a specific region or country.

International Experience: Complete three hours of coursework that has a required travel component within the specified country or region.

General Education: Complete nine hours of approved Humanities (H) or Social and Behavioral Sciences (S) from the approved certificate list that focus on the specified country or region.

Language Proficiency: Demonstrate language proficiency in the primary language of the specified country or region by completing one of the following:

- 1) Fifteen (15) hours of the appropriate foreign language sequence with a "C" or better in each course;
- 2) Five (5) hours of intermediate or advanced coursework in the appropriate foreign language that requires at least the same competency level as completion of the first fifteen hours of the regular language sequence; or
- 3) pass an approved Oklahoma State University examination that demonstrates at least the same competency level as completion of the first fifteen hours of the regular language sequence.

For detailed and latest information on this program, please contact one of the following:

- School of International Studies, 107 Wes Watkins Center, 405-744-6606
- Dr. Robert Cornell, [robert.cornell@okstate.edu](mailto:robert.cornell@okstate.edu), 433 Business, 405-744-6377

## Certificate

### Geographic Information Systems (GIS)

21 hours. Complete nine hours of *foundation courses*: absolutely required, GEOG 2343; choose one: CS 1103, CS 1113, or MSIS 3363; choose one: GEOG 3333, GEOG 5303, GENT 1153, or MET 1223.

Complete three hours in each of the following four course groups:

*Database Management*: MSIS 3103, MSIS 4013, MSIS 5643, or NREM 5193.

*Data Capture and Representation*: BAE 5313, CIVE 3614, CIVE 5263, GEOG 4313, GEOG 4323, GEOG 4333/5333, GEOG 6313.

*GIS Theory and Applications*: GEOG 4343/5323 or GEOG 4353.

*Advanced GIS Applications*: GEOG 5343, GEOG 5353, GEOG 4510 (3 hours), GEOG 5510 (3 hours), or GEOG 6333.

Minimum GPA requirement for specific courses. For detailed and latest information on this program, please consult the website at [www.geog.okstate.edu](http://www.geog.okstate.edu).  
Dr. Jianjun Ge, [jianjun.ge@okstate.edu](mailto:jianjun.ge@okstate.edu), 318 Murray Hall, 405-744-2864.