

COLLEGE OF EDUCATION AND HUMAN SCIENCES

College Administration

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The College of Education & Human Sciences (EHS) are a group of service-minded faculty, staff, students and partners who enhance lives through innovative research, teaching, and engagement. We are committed to the promotion of diversity in the broadest sense. We highly value the dignity and worth of individuals inclusive of their gender, race, ethnicity, nationality, sexual orientation, age, physical and mental abilities, religious beliefs, socioeconomic class, and other identities. Valuing diversity also extends to diversity of thought and perspective. We promote and create a dynamic community for personal transformation and social change with an atmosphere of respect and trust in which individuals explore, discuss, and express their beliefs with one another.

Accreditation

In the College of Education & Human Sciences, we have a number of accredited programs. The Aviation Management and Professional Pilot options are accredited by the Aviation Accreditation Board International (AABI). The Counseling Psychology program and the School Psychology program are accredited by the American Psychological Association (APA). The School Psychology program is also accredited by the National Association of School Psychologists (NASP). The Counseling Program with options in Mental Health Counseling and School Counseling are accredited by the Council for Accreditation of Counseling and Related Education Programs (CACREP). The Marriage and Family Therapy program is accredited by the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE). The Council for Interior Design Accreditation (CIDA) has accredited the undergraduate interior design program. The preproduction and the production management apparel curricula are endorsed by the American Apparel and Footwear Association (AAFA) Education Foundation. The Child Development Laboratory is licensed by the Oklahoma Department of Human Services (DHS) and has received a Three Star Differential Quality Certification. The Child Development Laboratory is also accredited by the National Association for the Education of Young Children (NAEYC). The Didactic Program in Dietetics and the Dietetic Internship at OSU are both currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995, ph. 312.899.0040 ext. 5400. The Recreation Management & Recreational Therapy program option in Recreational Therapy is accredited by the Commission on Accreditation of Allied Health Professions (CAAHEP), through the Committee on Accreditation of Recreational Therapy Education (CARTE). All professional education programs (Early

Childhood Education, Elementary Education, Secondary Education, Family and Consumer Sciences Education, and Physical Education) are accredited by the Council for the Accreditation of Educator Preparation (CAEP) (formerly NCATE), and the Office of Educational Quality and Accountability (OEQA). Family Financial Planning curriculum is a board registered program through the Certified Financial Planner Board of Standards, meeting the educational requirements to take the Certified Financial Planner™ (CFP®) examination. The Commission on Collegiate Nursing Education (CCNE) accredits the Nursing program.

The Patricia Kain Knaub Center for Student Success & Watson Family Center for Student Development

The Patricia Kain Knaub Center for Student Success and Watson Family Center for Student Development provide welcoming entry points and continuing resources for integrated academic programming and student services. The Centers serve as leaders within the OSU system and to education and human sciences academic units nationally to elevate academic advising, the first-year experience, leadership development, student engagement and career development through purposeful and integrated programming and support services that develop students into active intentional learners. The Centers offer the following comprehensive and integrated services to undergraduate students in the College of Education and Human Sciences:

- Services to prospective students and their families that clearly articulate College of Education and Human Sciences academic programs and related diverse learning opportunities.
- Developmental academic advising services, emphasizing a student-centered, holistic approach.
- First-year experience initiatives to facilitate successful transition of both high school students and transfer students to a large university and into their new academic college home.
- Deliberate leadership development and coaching through the first-year experience courses, the Freshman Scholar Leaders program, Emerging Leaders initiatives, Ambassador peer mentors, Student Council and other intentional student organization activities.
- Integrated career development throughout both curricular and co-curricular experiences to effectively develop career readiness skills and link students' education with their career goals and destinations.

Recruitment and Retention

The Watson Family Center for Student Development (106 Willard Hall) partners with students to support and connect them with resources and services for success from their first interaction with the College. The Center is the primary welcome center and informational resource for every prospective student and accompanying family member connecting to the College. Prospective student coordinators and current student recruitment assistants help future students learn about academic programs and student experiences in the College of Education and Human Sciences through individual appointments, facility tours and other connection activities. The College's student development and retention coordinator and retention assistants build supportive mentoring relationships with current students and lead purposeful initiatives to empower students' achievement of their full potential during their college experience. Current student resources, programs and activities coordinated through the Watson Student Development Center holistically champion student well-being by fostering a sense of community, connecting students with academic and personal support resources and assistance, and facilitating opportunities for personal growth and

leadership development. Specifically, the staff of the Center leads first-year success and personal leadership development programming for the college, including the P.E.T.E. Project living-learning community, Freshmen Scholar Leaders, the Ambassador peer mentoring program, and Emerging Leaders initiatives, to name a few.

Academic Advising

The Patricia Kain Knaub Center for Student Success (101 Human Sciences) provides developmental advising to undergraduate students utilizing a holistic approach that fosters the development of the whole student who is informed, empowered, and responsible. Professional academic advisors and students form collaborative partnerships with shared responsibilities. Students are connected with a major specific advisor who specializes in their chosen field of study. With the goal of constructing meaningful academic plans which are compatible with life goals, advisors guide students toward degree completion navigating University policies and procedures. Our dedicated staff mentor, encourage, and ultimately celebrate students who overcome challenges while pursuing degrees. The Center enhances student learning by maximizing student use of University academic support resources, and encouraging co-curricular involvement. Persistence towards educational and career goals, and a timely graduation, are our goals for each student. We are here to be their advocate, help them connect, learn, grow, thrive, and achieve.

The requirements for the degree being sought are made known to the student when he/she/they first enroll(s) at Oklahoma State University. While the curriculum may change before a student graduates, a student who makes normal progress toward graduation (no more than two years beyond the normal four-year bachelor's degree requirements) will be held responsible for the degree requirements at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or delay graduation.

Career Development

Students will also visit the Patricia Kain Knaub Center for Student Success for career development (101 Human Sciences). The Career Services professionals within the Center are certified Global Career Development Facilitators (GCDF) and provide services designed specifically for College of Education and Human Sciences students. The College of Education and Human Sciences Career Services offers students opportunities to explore traditional and nontraditional careers, complete career-related assessments, and enhance their professional presence in writing, in person and online.

Career development projects are integrated into the first-year experience courses required of all freshmen and transfer students. Outside of the classroom, students are provided opportunities to refine their job search materials, interview with practicing professionals who represent Education and Human Sciences fields of study, participate in career empowerment workshops, learn of part-time job opportunities related to Education and Human Sciences areas of study and identify internship experiences. The College of Education and Human Sciences Career Services provides a link to OSU Career Services, making students aware of resources available throughout campus, including career fairs, career and skill assessments, on-campus interviews and an array of other valuable opportunities. The College of Education and Human Sciences Career Services has an online presence via our website and through participation in several major-specific LinkedIn groups. In addition, we utilize Twitter and the Canvas Community to share information about upcoming events and opportunities.

Scholarships

The College of Education and Human Sciences offers a number of scholarships for undergraduate and graduate students. College of Education and Human Sciences scholarship applications are typically due for continuing students in December and scholarship awards are announced in April for the coming academic year. Freshmen and first-year transfer student scholarships are selected during the fall and spring semesters to students entering Education and Human Sciences in the following fall semester. Criteria for and the amount of the scholarship awards vary. Visit <https://humansciences.okstate.edu/current-students/scholarships-financial-aid.html> and <https://education.okstate.edu/scholarships/> for more information. College of Education and Human Science students are also encouraged to apply for scholarships available through OSU's Office of Scholarships and Financial Aid (<https://go.okstate.edu/scholarships-financial-aid/index.html> (<https://go.okstate.edu/scholarships-financial-aid/>)).

High School Preparation

Students are expected to satisfy the high school curriculum requirements as determined by the Oklahoma State Regents for Higher Education. It is recommended that students be involved in clubs and organizations as well as have had some experiences working with children and youth, or other experiences related to their chosen fields.

Admission Requirements

Freshman students are admitted to the College of Education, Health and Aviation consistent with criteria published for admission to the University.

Criteria for students wishing to transfer into the College of Education and Human Sciences from another institution or another college at OSU must have a minimum retention GPA as determined by the academic unit and based on the University graduation and retention grade-point average policy. See transfer admission requirements on degree requirement sheets for details as some program requirements differ from table below.

Total Hours Attempted	Minimum GPA required
Fewer than 31	1.70
31 or more	2.00

Students pursuing degree options in Career and Technical Education non-certification option, Recreational Management and Recreational Therapy, and Design, Housing and Merchandising are required to maintain a 2.00 GPA. Students pursuing a degree in Elementary Education, Health Education and Promotion, Applied Exercise Science, or Sports and Coaching Science are required to maintain a 2.75 or higher GPA. All other programs require a 2.50 GPA.

For continuing enrollment in good standing, the Professional Education Unit and some other programs require a minimum of 2.50/2.75 GPA for admission to Professional Education, student teaching and graduation. This requirement is consistent with state standards for students in the state of Oklahoma who complete professional education programs and seek certification.

Requests from students seeking readmission after having been placed under probation/suspension should be submitted to the Knaub Student Success Center in the College of Education and Human Sciences and will be reviewed by the Director of Student Academic Services prior to readmission. All student grades are reviewed at the end of each semester to determine whether appropriate academic progress is being made.

For graduation, with recommendation for Certification in Professional Education, the following minimum GPAs are required:

1. a 2.50 overall GPA (Elementary Education requires a 2.75);
2. a 2.50 GPA in the Major Requirements except Elementary Education and Secondary Education English which requires 2.75;
3. a 2.50 GPA in Professional Core Requirements (2.75 for Elementary Education); and
4. where noted, a 2.50 /2.75 GPA in the College/Departmental Requirements.

The student must earn minimum grades of "C" or "P" in each course in the Major Requirements, the Professional Core Requirements, and where noted, the College/Departmental Requirements. The student must earn grades of "C" or "P" in all sections of observation (lab and clinical experience) courses and clinical practice for recommendation for Certification.

Academic Programs

Undergraduate Programs

The Bachelor of Science Degrees within the College of Education and Human Sciences are offered by three departments and four schools. The majors are:

- Aerospace Administration & Operations (AAO), with options in aerospace logistics, aerospace security, aviation management, professional pilot, and technical service management.
- Applied Exercise Science (AES), with options in Pre-Professional and Strength & Conditioning.
- Design, Housing and Merchandising (DHM), with options in fashion design & productions (apparel design), interior design and fashion merchandising.
- Early Child Care and Development (ECCD).
- Elementary Education (ELEM).
- Health Education & Promotion (HEP), with options in Exercise & Health and Public Health.
- Human Development and Family Science (HDFS), with options in early childhood education, child and family services, and family and consumer sciences education.
- Nursing (NRBS): RN to BSN Completion Program.
- Nutritional Sciences (NSCI), with options in allied health, dietetics, human nutrition/premedical sciences, and public health nutrition.
- Recreation Management & Recreational Therapy (RMRT), with options in recreation management and recreational therapy.
- Secondary Education (SCED), with options in English, foreign language, social studies (psychology/sociology or world history/ geography).

Graduate Programs

Graduate study is available in all academic departments/schools. In addition to the Master of Arts in Teaching degree (MATT) that may be obtained through the School of Teaching, Learning and Educational Sciences, the Master of Science degree (MS) may be earned in the following areas: aviation and space, design, housing and merchandising (options in apparel design and production, interior design, merchandising and retail merchandising leadership), dietetics, counseling (options in mental health counseling and school counseling), educational leadership studies (options in higher education, school administration, and college student development), educational psychology (options

in educational psychology, research, evaluation, measurement & statistics, and school psychometrics), educational technology (options in school library media and educational technology), dietetics, family and consumer sciences education, family and community services, family financial planning, health and human performance (options in applied exercise science, athletic training, health promotions, and physical education), human development and family science (options in applied human services, developmental and family science, early childhood education, gerontology, and marriage and family therapy), leisure studies, nutritional sciences (options in nutrition and dietetics research), and teaching, learning and leadership (options in curriculum & leadership studies, elementary, middle, secondary education & K-12 education, workforce & adult education, reading & literacy, special education, secondary education for teachers non-traditionally certified, mathematics/science education, and gifted & talented education).

The Specialist in Education degree (EdS) may be obtained in educational administration as well as school psychology. The Doctor of Education degree (EdD) may be earned in aviation and space education, higher education, and school administration, while the Doctorate of Philosophy degree (PhD) may be earned in the following areas: counseling psychology, curriculum studies, education, educational leadership and policy studies, educational psychology (including research methods, evaluation and statistics), health and human performance, human development and family science, nutritional sciences, and school psychology.

Online Programs

The College of Education and Human Sciences Online Education office provides support services for courses using a variety of delivery methods to serve diverse student needs. Web-based courses and other distance delivery methods serve students who are unable to access traditional educational offerings. As a member of the Great Plains Interactive Distance Education Alliance, the College of Education & Human Sciences Online Education office provides support services for online master's programs in family financial planning, family and community services, family and consumer sciences education, gerontology, retail merchandising leadership and dietetics, as well as an online bachelor's program in early child care and development. In addition to the Great Plains Interactive Distance Education Alliance programs, we offer Masters degrees in aviation and space, educational leadership, school library media, online teaching, educational technology, educational psychology, gifted education, reading and literacy education, science and mathematics education, special education, and university studies. In addition to our master's programs, we have an RN to BSN nursing degree and an Educational Doctorate in Aviation and Space. The college also offers graduate certificates in the following areas: effective teaching in elementary schools, effective teaching in secondary schools, family financial planning, infant mental health, K-12 STEM educator, online teaching, public health in rural and underserved communities, and school library certification.

Special Academic Programs

OSUTeach

The OSUTeach program is designed to recruit and train new secondary teachers in science and mathematics. OSUTeach offers four-year STEM degree options in biological science, chemistry, geology (earth science and/or physical science), mathematics and physics, which lead to teacher certification at the secondary level. OSUTeach is a collaboration between the College of Education and Human Sciences and the College of Arts and Sciences. OSUTeach students begin supervised teaching in

K-12 classrooms during their first semester in the program and continue these field experiences throughout their coursework, which culminates with apprentice teaching.

Bachelor of University Studies

The College of Education and Human Sciences utilizes the Bachelor of University Studies degree program along with the other colleges in the University. Unique career objectives of students may be met by working with a faculty committee and academic advisors in selecting a specially-tailored program that ultimately leads to a degree.

The Honors College

Outstanding students in the College of Education and Human Sciences who meet the requirements of the Honors College may earn The Honors College degree while completing their undergraduate degree in this college. For more information, please refer to the Honors College information in this Catalog.

Tutoring Program

The Randall and Carol White Reading and Math Center within the School of Teaching, Learning and Educational Sciences offers elementary education undergraduate and graduate students a faculty-supervised opportunity to tutor school-age children interested in improving their reading and math skills.

Professional Development Conferences

Additional outreach conferences may include the Oklahoma Association of Elementary School Principals, the Oklahoma Association of Environmental Educators; the Oklahoma Education Association Annual Leadership Academy; and the Adult Basic Education Conference.

Alumni Association

The College of Education and Human Sciences sends an annual magazine to approximately 5,000 active members and communicates news and announcements to alumni through a monthly electronic newsletter. The Alumni Society seeks to connect and engage alumni and friends to the college by hosting events throughout the year.

General Education Requirements

All undergraduate degrees in the College of Education and Human Sciences require a minimum of 40 semester hours in general education that include the following: English Composition, analytical and quantitative thought, United States history and government, natural science, social and behavioral studies, arts and humanities, diversity, international dimension and electives. All degrees are consistent with the current University General Education requirements and the Oklahoma State Regents for Higher Education standards.

Departmental Clubs and Honor Societies

American Association of Textile Chemists and Colorists
 American Society of Interior Designers Student Chapter
 College of Education & Human Sciences Ambassadors
 College of Education & Human Sciences Graduate Student Association
 College of Education & Human Sciences Student Council
 College of Education & Human Sciences Scholar Leaders
 Early Childhood Education Club
 Educational Media and Technology Student Association
 Educational Psychology Student Society
 Elementary Educators of Tomorrow
 Family and Consumer Sciences Education Club

Flying Aggies
 Graduate Students in Human Sciences Association
 Graduate Students in Nutritional Sciences
 Health Promotion Club
 Human Development and Family Science Club
 International Facility Management Association Student Chapter
 International Interior Design Association Student Chapter
 Kappa Delta Pi (education honor society)
 Kappa Kappa Iota
 Merchandising and Apparel Design Association
 Nutritional Sciences Club
 Omicron Tau Theta
 OSU National Science Teachers Association Student Chapter
 Phi Epsilon Kappa (health, physical education, recreation management and recreational therapy honor society)
 Phi Upsilon Omicron (scholarship and leadership honor society)
 Physical Education Club
 Pre-Physical Therapy Club
 Rho Phi Lambda
 Recreation Management Club
 Recreational Therapy Majors Club
 School Psychology Graduate Student Organization
 Sigma Phi Omega (gerontology honor society)
 Student Oklahoma Education Association
 U.S. Green Building Council

Extension, Engagement, Continuing Education and International Programs

Extension, Engagement, Continuing Education, and International Programs work together to facilitate the delivery of non-credit course work and academic programs. Consistent with the OSU mission and in conjunction with faculty and academic programs, Extension, Engagement, Continuing Education and International Programs provide support, services and programs to meet the professional needs of educators advancing the state of Oklahoma and the nation while promoting and facilitating engagement of the college and university with state, national and international communities.

The goals of the unit are to reflect the expertise and promote the accomplishments of the College of Education and Human Sciences faculty and staff and to foster activities and learning that develop faculty and students for multiple futures. Specifically, these offices work to:

- facilitate international degree credit programs and non-degree programs which enable students and professionals to pursue their academic goals in ways that fit their schedule and personal situations;
- extend off-campus international degree programs to individuals pursuing degrees and professional certifications through a variety of different methods;
- provide opportunities for international experiences linking campus faculty and students to a wide range of global locations through travel trips, student teaching and cohort programs;
- assist workforce development initiatives through non-credit educational opportunities for employed adults in educational and governmental environments;
- coordinate professional conferences for the educational community, including school professionals and administrators, educational associations and state organizations; and
- offer community development and cultural enrichment opportunities.

Building on its land-grant heritage, Oklahoma State University's Extension, Engagement, Continuing Education and International Programs Unit promotes learning, advances knowledge, enriches lives, and stimulates economic development through teaching, research, extension, outreach and creative activities. The non-credit arm of the College of Education and Human Sciences supports the following programs:

OLLI @ OSU is a lifelong learning college geared toward those 50 and older, offering a wide variety of liberal arts classes and workshops in Stillwater, Tulsa, Oklahoma City and Bartlesville. OLLI's mission is to provide continuing education for seniors through classes, travel, and social enrichment activities. Founded in 2006 with a grant from the Bernard Osher Foundation and funding from the university, OLLI @ OSU joined a network of over 100 Osher Lifelong Learning Institutes, housed at colleges and universities throughout the United States. "Learning for the joy of learning" is the guiding principal of this community of learners, where there are no tests, and no grades but the opportunity for people of all backgrounds to keep active and informed. Classes are offered three semesters each year. olli@okstate.edu

The Continuing and Professional Education Unit provides non-credit course programming, certificates programs, professional education, and support for camps, conferences, and workshops affiliated with professional units throughout the College of Education and Human Sciences. osuehse@okstate.edu

Oklahoma Center for School Business Management provides professional development programs to school business managers, superintendents, finance directors, personnel directors, treasurers, clerks, secretaries, administrators, and others responsible for the fiscal operations of career tech and public schools in Oklahoma. The programs are designed to enhance administrative, financial, and legal knowledge, improve understanding of federal and state guidelines, and improve operations and efficiencies. <https://education.okstate.edu/outreach/ocsbm/index.html> (<https://education.okstate.edu/outreach/ocsbm/>).

Global and Community Engagement provides support to faculty, staff, students, and community partners. Supports the University Network on Community Engagement (UNCE) in their award-winning engagement and service-learning activities throughout the university. International Programs provides support for Study Abroad competencies for the college, serving graduate, undergraduate, and pre-professional students, expanding OSU's mission beyond the United States.

Academic Areas

- Design, Housing and Merchandising (p. 1422)
- Human Development and Family Science (p. 1433)
- Nutritional Sciences (p. 1449)
- Professional Education Unit (p. 1460)
- School of Community Health Sciences, Counseling and Counseling Psychology (p. 1466)
- School of Educational Foundations, Leadership and Aviation (p. 1475)
- School of Kinesiology, Applied Health and Recreation (p. 1494)
- School of Teaching, Learning and Educational Sciences (p. 1506)

Undergraduate Programs

- Aerospace Administration and Operations: Aerospace Security, BS (p. 1484)

- Aerospace Administration and Operations: Aviation Management, BS (p. 1486)
- Aerospace Administration and Operations: Professional Pilot, BS (p. 1488)
- Aerospace Administration and Operations: Technical Service Management, BS (p. 1489)
- Applied Exercise Science: Pre-Professional, BS (p. 1496)
- Applied Exercise Science: Strength and Conditioning, BS (p. 1498)
- Design, Housing & Merchandising: Fashion Design & Production, BSHS (p. 1424)
- Design, Housing & Merchandising: Interior Design, BSHS (p. 1426)
- Design, Housing & Merchandising: Merchandising, BSHS (p. 1428)
- Early Child Care and Development, BSHS (p. 1438)
- Elementary Education, BS (p. 1511)
- Health Education and Promotion: Exercise and Health, BS (p. 1468)
- Health Education and Promotion: Public Health, BS (p. 1470)
- Human Development and Family Science: Child and Family Services, BSHS (p. 1441)
- Human Development and Family Science: Early Childhood Education, BSHS (p. 1444)
- Human Development and Family Science: Family & Consumer Sciences Education, BSHS (p. 1446)
- Nursing: RN to BSN, BS (p. 1472)
- Nutritional Sciences: Allied Health, BSHS (p. 1452)
- Nutritional Sciences: Dietetics, BSHS (p. 1454)
- Nutritional Sciences: Human Nutrition/Pre-Medical Sciences, BSHS (p. 1456)
- Nutritional Sciences: Public Health Nutrition, BSHS (p. 1458)
- Recreation Management and Recreational Therapy: Recreation Management, BS (p. 1500)
- Recreation Management and Recreational Therapy: Recreational Therapy, BS (p. 1502)
- Secondary Education: English, BS (p. 1514)
- Secondary Education: Foreign Language, BS (p. 1516)
- Secondary Education: Social Studies, BS (p. 1518)

Minors

- Aerospace Administration and Operations: Aerospace Security (AAAS), Minor (p. 1483)
- Aerospace Administration and Operations: Aviation Management (AAAM), Minor (p. 1485)
- Aerospace Administration and Operations: Professional Pilot (AAPP), Minor (p. 1487)
- Child Development (CHDV), Minor (p. 1437)
- Creativity Studies (CRST), Minor (p. 1490)
- Fashion Design and Production (FDP), Minor (p. 1430)
- Gerontology (GERO), Minor (p. 1440)
- Human Services (HSVC), Minor (p. 1448)
- Learning and Motivation (LEMO), Minor (p. 1491)
- Merchandising (MERC), Minor (p. 1431)
- Nutritional Sciences (NSCI), Minor (p. 1451)
- Pre-Counseling (PCOU), Minor (p. 1473)
- Public Health (PH), Minor (p. 1474)

- Public School Support Specialist for Children At-Risk (PSSC), Minor (p. 1513)
- Recreation Management and Recreational Therapy (RMRT), Minor (p. 1504)
- Special Education (SPED), Minor (p. 1520)
- Sports and Coaching Science (COAS), Minor (p. 1505)
- Sustainable Design (SD), Minor (p. 1432)
- Unmanned Aircraft Pilot (UAP), Minor (p. 1493)

Certificates

Undergraduate Certificates

- Family Financial Planning (FFP), Undergraduate Certificate (p. 1439)
- Learning and Motivation, Undergraduate Certificate (p. 1492)

Graduate Programs

- Apparel Design and Production, MS (p. 1422)
- Applied Exercise Science, MS (p. 1495)
- Applied Human Services, MS (p. 1434)
- Athletic Training, MS (p. 1495)
- Aviation and Space Education, EdD (p. 1477)
- Aviation and Space, MS (p. 1477)
- College Interdisciplinary, Ed (p. 1477)
- College Student Development, MS (p. 1477)
- Counseling Psychology, PhD (p. 1466)
- Curriculum and Leadership Studies, MS (p. 1507)
- Curriculum Studies, PhD (p. 1507)
- Design, Housing and Merchandising, PhD (p. 1422)
- Developmental and Family Science, MS (p. 1434)
- Dietetics, MS (p. 1449)
- Dietetics Research, MS (p. 1449)
- Early Childhood Education, MS (p. 1434)
- Educational Administration, EdS (p. 1477)
- Educational Administration, PhD (p. 1477)
- Educational Psychology, MS/PhD (p. 1477)
- Educational Research and Evaluation, MS (p. 1477)
- Educational Technology, MS (p. 1477)
- Educational Technology, PhD (p. 1477)
- Elementary, MA (p. 1507)
- Elementary/Middle/Secondary/PK-12, MS (p. 1507)
- Family and Community Services, MS (p. 1434)
- Family and Consumer Sciences Education, MS (p. 1434)
- Family Financial Planning, MS (p. 1434)
- Foreign Language, MA (p. 1507)
- Gerontology, MS (p. 1434)
- Gifted and Talented Education, MS (p. 1507)
- Health Education and Promotion, PhD (p. 1495)
- Health Promotions, MS (p. 1495)
- Higher Education, EdD (p. 1477)
- Higher Education, MS (p. 1477)
- Higher Education, PhD (p. 1477)
- Human Development and Family Science, PhD (p. 1434)
- Interior Design, MS (p. 1422)

- Leisure Studies, MS (p. 1495)
- Leisure Studies, PhD (p. 1495)
- Marriage and Family Therapy, MS (p. 1434)
- Mathematics Education, PhD (p. 1507)
- Math/Science Education, MS (p. 1507)
- Mental Health Counseling, MS (p. 1466)
- Merchandising, MS (p. 1422)
- Nutritional Sciences, PhD (p. 1449)
- Nutrition, MS (p. 1449)
- Physical Education, MS (p. 1495)
- Professional Education Studies, PhD (p. 1507)
- Reading and Literacy, MS (p. 1507)
- Research and Evaluation, PhD (p. 1477)
- Retail Merchandising Leadership, MS (p. 1422)
- School Administration, EdD (p. 1507)
- School Administration, MS (p. 1507)
- School Counseling, MS (p. 1466)
- School Library Media, MS (p. 1507)
- School Psychology, EdS (p. 1507)
- School Psychology, PhD (p. 1507)
- School Psychometrics, MS (p. 1477)
- Science Education, PhD (p. 1507)
- Secondary Education for Teachers Non-Traditionally Cert, MS (p. 1507)
- Secondary English, MA (p. 1507)
- Secondary Mathematics, MA (p. 1507)
- Secondary Science, MA (p. 1507)
- Secondary Social Studies, MA (p. 1507)
- Social Foundations Education, PhD (p. 1477)
- Special Education, MS (p. 1507)
- Workforce and Adult Education, MS (p. 1507)
- Workforce and Adult Education, PhD (p. 1507)

Graduate Certificates

The College of Education and Human Sciences offers on-campus graduate certificates in the following areas: Building Level Leadership, College Teaching, Developmental Disabilities, District Level Leadership, Educational and Psychological Measurement, Effective Teaching in Secondary Schools, Effective Teaching in Elementary Schools, Infant Mental Health, Online Teaching, Program Evaluation, School Library Media Certification, Statistical Methods & Analyses in Education & Behavioral Sciences, and Workforce and Adult Education. The College of Education and Human Sciences offers an online graduate certificate in Family Financial Planning.

Design, Housing and Merchandising

The mission of the Department of Design, Housing and Merchandising (DHM) is to be recognized leaders in Technology and Sustainable Design in partnership with industry and community. Three undergraduate options are available: fashion (apparel) design and production, interior design, and fashion merchandising. Each option requires a summer internship between the junior and senior years.

Students in apparel design and production are preparing for careers in the apparel and sewn products industries. The program emphasizes the integration of design principles, construction methods, consumer preferences and mass production strategies. Coursework includes principles of design, anthropometrics and pattern grading, apparel assembly and production, draping techniques, methods of mass production, quality assurance, properties and performance evaluation of textiles, patternmaking, computer-aided design and technology, entrepreneurship, and a required internship to acquire apparel design industry experience. The American Apparel and Footwear Association (AAFA) Education Foundation has endorsed the undergraduate curricula, making OSU one of only 13 schools in North America recognized with an AAFA-approved apparel program. Career opportunities include apparel designer, technical designer, product development manager, accessory designer, patternmaker, textile designer, sourcing manager, quality assurance manager, production manager and apparel engineer.

Students in interior design are preparing for careers as professionals who assist businesses and families in planning and solving problems relative to the function and quality of interior living and working environments. Coursework includes fundamentals of design, design analysis, ergonomics, concept development, space planning and programming, universal design principles, computer-aided design (CAD) and related aspects of environmental design. Students must pass the Proficiency Review Process at the end of their freshman year to be accepted into the professional level interior design program. Upon acceptance, students are expected to have their own laptop computer with sufficient capacity for graphics software used in the profession. Career opportunities include professional practice in interior design and architectural firms, lighting, design, facility management, historic restoration and preservation and product design and sales management. The undergraduate interior design program is accredited by the Council for Interior Design Accreditation (CIDA) and the program has achieved national ranking by the publication Design Intelligence.

The fashion merchandising program prepares students for careers at every level of the fashion industry: Analytic analysis, retail buying, wholesaling product lines to retailers, product development, trend forecasting, managers, visual merchandisers as well as auxiliary industries including fashion journalism, event planning and logistics. Coursework includes retailing, merchandise planning and analysis, sustainable design, visual merchandising and communication, market analysis, quality assurance, retail technology and global sourcing. Merchandising graduates are in high demand among retailers, manufacturers, product developers, supply chain and sourcing managers and designers.

Students in all three options will develop business management, communication, creative problem solving and administrative skills. Minors are available in both fashion merchandising and fashion design and production.

Admission Requirements

Transfer students must meet the following minimum retention GPA requirements in order to be admitted to the DHM undergraduate program:

Total Hours Attempted	Minimum GPA required
Less than 31 hours	2.00
31-45 hours	2.25
Over 45 hours	2.50

Undergraduate Programs

- Design, Housing & Merchandising: Fashion Design & Production, BSHS (p. 1424)
- Design, Housing & Merchandising: Interior Design, BSHS (p. 1426)
- Design, Housing & Merchandising: Merchandising, BSHS (p. 1428)
- Fashion Design and Production (FDP), Minor (p. 1430)
- Merchandising (MERC), Minor (p. 1431)
- Sustainable Design (SD), Minor (p. 1432)

Graduate Programs

The Department of Design, Housing and Merchandising offers graduate work leading to the Master of Science in Design, Housing and Merchandising and the Doctor of Philosophy in Human Sciences with an option in design, housing and merchandising. The programs are scientifically based research and/or design oriented. Graduate degrees in the department are tailored to departmental areas of expertise, professional goals of the candidate and College of Human Sciences and Graduate College requirements. Graduate programs may focus on either merchandising or design. Students may investigate design and merchandising from the following perspectives: product development and evaluation, consumer and supplier behavior, business development and management, and constructed environmental and individual interrelationships.

The Master of Science Degree

The Master of Science degree is awarded in four options—Apparel Design and Production, Interior Design, Merchandising, and Retail Merchandising Leadership (offered online through the Great Plains Interactive Distance Education Alliance)—and is designed to prepare individuals for careers in business, industry, extension and post-secondary or college teaching. The thesis plan (research or design) is available for students in apparel design and interior design. For merchandising master students, research thesis and non-thesis options are available. For retail merchandising leadership master students a non-thesis plan is required. Programs of study are built around the academic background, experience, needs, special interests and professional goals of the student. The selection of courses that meet departmental requirements is made in consultation with the advisory committee. A minimum of 21 credit hours must be taken in the department. Additional courses may be selected from other areas of human sciences or from supporting areas such as marketing, sociology, history and physiology. If the undergraduate degree is not in the area of specialization, specific undergraduate courses in design, housing and merchandising will be required as prerequisites. The newest offering is an accelerated MS degree for current students in Apparel Design and Production and Interior Design where students can earn the MS degree in one year beyond the BS degree.

The Doctor of Philosophy Degree

The PhD prepares individuals for research positions in universities, business and industry, for university teaching and for administrative or management level positions. The student will be expected to have a master's degree or equivalent in design, housing and merchandising or in a closely-related area from a college or university of recognized standing. A student may be required to demonstrate competence in the area of specialization and in related areas, and further coursework may be required before admission will be granted.

The plan of study is individually determined for the student in cooperation with an advisory committee. Each plan of study will be an integrated combination of courses and research providing for specialization within an area of design and merchandising, including synthesis of knowledge drawn from departments within and outside of human sciences. Emphasis is on attainment of competencies rather than on the completion of specific numbers of credits; however, a minimum of 60 credit hours beyond the master's degree must be completed. Each student will develop competence in the area of specialization which includes courses in the major and the support area. International and management dimensions are included.

The program includes a strong emphasis on research and application of statistical procedures, as well as having students gain experience in resource generation, knowledge-sharing and community engagement.

More detailed information on graduate study in the Department of Design, Housing and Merchandising can be obtained from the department website humansciences.okstate.edu/dhm (<http://humansciences.okstate.edu/dhm/>) or by writing the head of the department.

Faculty

Lynn M. Boorady, PhD—Professor and Head

Gina Peek, PhD—Associate Professor and Associate Head

Professors: Jorge Atiles, PhD; Paulette Hebert, PhD; Mihyun Kang, PhD; Shiretta Ownbey, PhD

Associate Professors: Cosette Armstrong, PhD; Tilanka Chandrasekera, PhD; Greg Clare, PhD; Semra Peksoz, PhD; Adriana Petrova, PhD

Assistant Professors: Heather Carter, PhD; Aditya Jayadas, PhD; June Park, PhD; Emily Roberts, PhD

Teaching Instructor: Diane Limbaugh, MS

Design, Housing & Merchandising: Fashion Design & Production, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.00

Total Hours: 122

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
Any MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
DHM 3213	Heritage of Dress II (H) (Minimum grade of "C")	3
Course designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
DHM 2573	Textiles (LN) (Minimum grade of "C")	3
Course designated (N)		3
<i>Social & Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
or SOC 1113	Introductory Sociology (S)	
<i>Additional General Education</i>		
Courses Designated (A), (H), (N), or (S)		10
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2
or HS 3112	Human Sciences First-Year Seminar for Transfer Students	
HDFS 2113	Lifespan Human Development (S)	3
Hours Subtotal		5

Major Requirements		
Minimum grade of "C" in each course		
<i>Major Core Requirements</i>		
DHM 1003	Design Theory and Processes for Design and Merchandising	3
DHM 1101	Wicked Problems of Industrial Practice	1
DHM 2003	Problem Solving Strategies	3
DHM 2403	Research Methods	3
DHM 3033	Material Culture	3
Select 2 hours of the following:		2
DHM 4101	Local Motive and Supply Chain	
DHM 4121	Sustainable Textile Innovation	
DHM 4031	Empathic Design	
DHM 4041	Triple Bottom Line Analysis	
DHM 4051	Biomimicry Industrial Practices	
DHM 4061	Active Design	
DHM 4071	Communicating Sustainable Practices	
DHM 4081	Design Activism	
DHM 4091	Sustainable Materials Flows	
DHM 4111	Ethics for a Sustainable World	
DHM 4141	Life Cycle Analysis in Design and Merchandising	
DHM 4151	Sustainable Consumption	
<i>Option Requirements</i>		
DHM 1103	Basic Apparel Assembly	3
DHM 1433	Fundamentals of the Fashion Industry	3
DHM 1993	Communications and Presentation Techniques for Apparel Design	3
DHM 2204	Intermediate Apparel Assembly	4
DHM 2444	Draping	4
DHM 3014	Flat Pattern Design	4
DHM 3023	Computer-Aided Flat Pattern Design	3
DHM 3053	Quality Analysis for Apparel Design	3
DHM 3123	Advanced Technology for Apparel Design	3
DHM 3203	Functional Clothing Design	3
DHM 3991	Pre-Internship Seminar	1
DHM 4153	Pre-Production Processes of Apparel and Related Products	3
DHM 4824	Professional Internship	4
DHM 4993	Global Sourcing Strategies	3
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
Select a professional area (p. 1425)		9
Hours Subtotal		77
Total Hours		122

Professional Areas

Design Area

Code	Title	Hours
DHM 3533	Textile Surface Design	3
DHM 4403	Advanced Apparel Design	3

Controlled electives

Select 3 hours of the following: 3

DHM 3103	Anthropometry and Ergonomics in Design
DHM 4453	Product Development Process
DHM 4893	Fundamentals of Medical Smart Garment Engineering
ART 1103	Drawing I
ART 2243	Jewelry and Metals I
EEE 3033	Women and Minority Entrepreneurship
EEE 3023	Introduction to Entrepreneurial Thinking and Behavior
TH 4673	Advanced Costume Construction
MGMT 3123	Managing Behavior and Organizations

3 hours foreign language may be used

Production Area

Code	Title	Hours
DHM 3103	Anthropometry and Ergonomics in Design	3
DHM 4893	Fundamentals of Medical Smart Garment Engineering	3

Controlled electives

Select 3 hours of the following: 3

EEE 3033	Women and Minority Entrepreneurship
MGMT 3313	Human Resource Management
MGMT 4213	Managing Diversity in the Workplace (D)
MGMT 4031	Leading Organizational Change
MGMT 4613	International Management (I)

Other Requirements

- 40 upper-division hours required.
- A 2.50 Major GPA is required. This includes all courses in College 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 Fashion 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 2026.

Design, Housing & Merchandising: Interior Design, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
DHM 3233	Heritage of Interior Design I (H) (Minimum grade of "C")	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
DHM 2573	Textiles (LN) (Minimum grade of "C")	3
Course designated (N)		3
<i>Social & Behavioral Sciences (S)</i>		
SOC 3223	Social Psychology (S)	3
<i>Additional General Education</i>		
Courses Designated (A), (H), (N), or (S)		10
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2
or HS 3112	Human Sciences First-Year Seminar for Transfer Students	
HDFS 2113	Lifespan Human Development (S)	3
Hours Subtotal		5
Major Requirements		

Minimum grade of "C" in each course

<i>Major Core Requirements</i>		
DHM 1003	Design Theory and Processes for Design and Merchandising	3
DHM 1101	Wicked Problems of Industrial Practice	1
DHM 2003	Problem Solving Strategies	3
DHM 2403	Research Methods	3
DHM 3033	Material Culture	3
Select 2 hours of the following:		2
DHM 4101	Local Motive and Supply Chain	
DHM 4121	Sustainable Textile Innovation	
DHM 4031	Empathic Design	
DHM 4041	Triple Bottom Line Analysis	
DHM 4051	Biomimicry Industrial Practices	
DHM 4061	Active Design	
DHM 4071	Communicating Sustainable Practices	
DHM 4081	Design Activism	
DHM 4091	Sustainable Materials Flows	
DHM 4111	Ethics for a Sustainable World	
DHM 4141	Life Cycle Analysis in Design and Merchandising	
DHM 4151	Sustainable Consumption	
<i>Option Requirements</i>		
DHM 1123	Graphics for Interior Design I	3
DHM 2073	Computer-Aided Design for Interior Design	3
DHM 2103	Interior Design Studio I: Residential	3
DHM 2233	Graphics for Interior Design II	3
DHM 2263	Interior Design Studio II: Small Scale Contract	3
DHM 2302	Supervised Field Experience	2
DHM 3173	Digital Design Communication	3
DHM 3303	Materials and Finishes for Interior Design	3
DHM 3343	Interior Design Studio III: Interior Components and Construction Documents	3
DHM 3453	Interior Design Studio IV: Environmental Design	3
DHM 3823	Professional Practices for Interior Design	3
DHM 3991	Pre-Internship Seminar	1
DHM 4264	Interior Design Studio V: Large Scale Commercial	4
DHM 4294	Interior Design Studio VI - Capstone	4
DHM 4323	Heritage of Interior Design II (I)	3
DHM 4373	Advanced Computer-Aided Design for Interior Design	3
DHM 4433	Facility Management and Design	3
DHM 4824	Professional Internship	4
Select a professional area (p. 1427)		6
Hours Subtotal		75
Total Hours		120

Professional Areas

Design Area

Code	Title	Hours
ART 1303	Visual Thinking: Form and Space	3
<i>Controlled electives</i>		
Select 3 hours of the following:		3
DHM 3103	Anthropometry and Ergonomics in Design	
DHM 4453	Product Development Process	
DHM 4533	Diversity Issues in Facility Management and Design (D)	
ACCT 2003	Survey of Accounting	
ARCH 2003	Architecture and Society (HI)	
ART 3683	History of 20th Century Art (HI)	
ART 3643	History of Graphic Design	
HIST 4063	Historic Preservation	
HTM 3473	Mechanical Equipment and Facility Management	
PHIL 4113	Philosophy and the Arts (H)	
SOC 3993	Sociology of Aging (DS)	
TH 2553	Introduction to Stage Design	
TH 3183	Scene Design for Theatre	
TH 3593	Lighting for Theatre	

Facility Management Area

Code	Title	Hours
DHM 4533	Diversity Issues in Facility Management and Design (D)	3
<i>Controlled electives</i>		
Select 3 hours of the following:		3
DHM 3103	Anthropometry and Ergonomics in Design	
DHM 4453	Product Development Process	
ACCT 2003	Survey of Accounting	
ACCT 2203	Managerial Accounting	
ECON 2203	Introduction to Macroeconomics	
ECON 3903	Economics of the Environment	
HTM 3473	Mechanical Equipment and Facility Management	
LSB 3213	Legal and Regulatory Environment of Business	
LSB 4523	Law of Real Property	
LSB 4633	Legal Aspects of International Business Transactions (I)	
MGMT 3013	Fundamentals of Management (S)	
MGMT 3313	Human Resource Management	
MGMT 4313	Organization for Action	
MKTG 3213	Marketing (S)	

Other Requirements

- 40 upper-division hours required.
- A 2.50 Major GPA is required. This includes all courses in College 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 2026.

Design, Housing & Merchandising: Merchandising, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483	Mathematical Functions and Their Uses (A) (Minimum grade of "C")	3
<i>Humanities (H)</i>		
DHM 3213	Heritage of Dress II (H) (Minimum grade of "C")	3
Courses designated (H)		3
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
DHM 2573	Textiles (LN) (Minimum grade of "C")	3
Course designated (N)		3
<i>Social & Behavioral Sciences (S)</i>		
ECON 1113	The Economics of Social Issues (S)	3
or ECON 2103	Introduction to Microeconomics (S)	
<i>Additional General Education</i>		
Courses Designated (A), (H), (N), or (S)		10
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2
or HS 3112	Human Sciences First-Year Seminar for Transfer Students	
HDFS 2113	Lifespan Human Development (S)	3

Hours Subtotal		5
Major Requirements		
Minimum grade of "C" in each course		
<i>Major Core Requirements</i>		
DHM 1003	Design Theory and Processes for Design and Merchandising	3
DHM 1101	Wicked Problems of Industrial Practice	1
DHM 2003	Problem Solving Strategies	3
DHM 2403	Research Methods	3
DHM 3033	Material Culture	3
Select 2 hours of the following:		2
DHM 4101	Local Motive and Supply Chain	
DHM 4121	Sustainable Textile Innovation	
DHM 4031	Empathic Design	
DHM 4041	Triple Bottom Line Analysis	
DHM 4051	Biomimicry Industrial Practices	
DHM 4061	Active Design	
DHM 4071	Communicating Sustainable Practices	
DHM 4081	Design Activism	
DHM 4091	Sustainable Materials Flows	
DHM 4111	Ethics for a Sustainable World	
DHM 4141	Life Cycle Analysis in Design and Merchandising	
DHM 4151	Sustainable Consumption	
<i>Option Requirements</i>		
DHM 1433	Fundamentals of the Fashion Industry	3
DHM 2423	Technology and Visual Communication for Merchandisers	3
DHM 2913	Sewn Product Quality Analysis	3
DHM 3433	Retail Strategies in the Digital Sector	3
DHM 3553	Profitable Merchandising Analysis	3
DHM 3563	Merchandise Acquisition and Allocation	3
DHM 3853	Visual Merchandising	3
DHM 3991	Pre-Internship Seminar	1
DHM 4453	Product Development Process	3
DHM 4824	Professional Internship	4
DHM 4993	Global Sourcing Strategies	3
ACCT 2003	Survey of Accounting	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
STAT 2013	Elementary Statistics (A)	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
<i>Controlled electives</i>		
Select 9 hours of the following:		9
BCOM 3113	Written Communication	
DHM 3103	Anthropometry and Ergonomics in Design	
DHM 3423	Styling for Merchandisers	
EEE 3023	Introduction to Entrepreneurial Thinking and Behavior	
EEE 3033	Women and Minority Entrepreneurship	
EEE 4263	Corporate Entrepreneurship	
EEE 4533	Growing Small and Family Ventures	

EEE 4663	Imagination in Entrepreneurship	
MGMT 3123	Managing Behavior and Organizations	
MGMT 3313	Human Resource Management	
MGMT 4213	Managing Diversity in the Workplace (D)	
MGMT 4533	Leadership Dynamics	
MKTG 3323	Consumer and Market Behavior	
MKTG 3513	Sales Management	
MKTG 4553	International Marketing	
MKTG 4773	Services Marketing	
MKTG 4993	Digital Marketing	
A max of 6 hours of foreign language may be used		
Hours Subtotal		68
Electives		
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. See your advisor to discuss ways you can increase your global competency by studying abroad.		
Select 7 hours		7
Hours Subtotal		7
Total Hours		120

Other Requirements

- 40 upper-division hours required.
- A 2.50 Major GPA is required. This includes all courses in College 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 minimum grade of "C" in MATH 1483 Mathematical Functions and Their Uses (A) or MATH 1513 College Algebra (A)

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.

Fashion Design and Production (FDP), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Design, Housing and Merchandising, 431 HSCI,
405-744-5035

Minimum Overall Grade Point Average: 2.50

Total Hours: 27 hours

Code	Title	Hours
Minor Requirements		
DHM 1003	Design Theory and Processes for Design and Merchandising	3
DHM 1103	Basic Apparel Assembly	3
DHM 1433	Fundamentals of the Fashion Industry	3
DHM 1993	Communications and Presentation Techniques for Apparel Design	3
DHM 2204	Intermediate Apparel Assembly	4
DHM 2444	Draping	4
DHM 2573	Textiles (LN)	3
DHM 3014	Flat Pattern Design	4

Other Requirements

- Merchandising option must complete 19 credit hours in addition to the requirements for their option.
- Acceptance to the minor based upon an overall 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.

Additional OSU Requirements

Undergraduate Minors

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

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

Merchandising (MERC), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Design, Housing and Merchandising, 431 HSCI,
405-744-5035

Minimum Overall Grade Point Average: 2.50

Total Hours: 24 hours

Code	Title	Hours
Minor Requirements		
DHM 1003	Design Theory and Processes for Design and Merchandising	3
DHM 1433	Fundamentals of the Fashion Industry	3
DHM 2423	Technology and Visual Communication for Merchandisers	3
DHM 2573	Textiles (LN)	3
DHM 3433	Retail Strategies in the Digital Sector	3
DHM 3553	Profitable Merchandising Analysis	3
DHM 3563	Merchandise Acquisition and Allocation	3
DHM 3853	Visual Merchandising	3
Total Hours		24

Other Requirements

- ADP option must complete 19 credit hours in addition to the requirements for their option.
- Acceptance to the minor based upon an overall 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 2003 Survey of Accounting.
- Minimum of "C" required in all minor courses.

Additional OSU Requirements

Undergraduate Minors

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

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

Sustainable Design (SD), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Design, Housing and Merchandising, 431 HSCI,
405-744-5035

Minimum Overall Grade Point Average: 2.50

Total Hours: 15 hours

Code	Title	Hours
Minor Requirements		
DHM 1101	Wicked Problems of Industrial Practice	1
DHM 4583	Sustainable Design Capstone	3
or ARCH 4233	Sustainable Design in Architecture	
Select 11 hours from the following courses:		11
DHM 4031	Empathic Design	
DHM 4041	Triple Bottom Line Analysis	
DHM 4051	Biomimicry Industrial Practices	
DHM 4061	Active Design	
DHM 4071	Communicating Sustainable Practices	
DHM 4081	Design Activism	
DHM 4091	Sustainable Materials Flows	
DHM 4101	Local Motive and Supply Chain	
DHM 4111	Ethics for a Sustainable World	
DHM 4121	Sustainable Textile Innovation	
DHM 4141	Life Cycle Analysis in Design and Merchandising	
DHM 4151	Sustainable Consumption	
Only one course from the following may be used:		
ARCH 3134		
ARCH 4293	The Ethics of the Built Environment (H)	
LA 1013	Introduction to Landscape Architecture and Landscape Management	
Total Hours		15

example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).

- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

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

Other Requirements

- Acceptance to the minor based upon an overall 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.

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for

Human Development and Family Science

The Department of Human Development and Family Science (HDFS) is a premier academic program dedicated to the discovery, integration and application of knowledge to enhance the resilience of diverse individuals and relationships. The department prepares students to work with individuals, couples and families. The department's primary focus is on integrative approaches to developing and maintaining individual and family resilience. The distinguishing feature of HDFS is the interdisciplinary and multidisciplinary integration of instruction, research and application between and among human development, family science, gerontology, early childhood education, and marriage and family therapy.

Committed to enhancing the quality of life of individuals and families by maximizing resilience and reducing risk, the Department of Human Development and Family Science provides a dynamic environment for life-long learners through engagement in:

- instruction that fosters creative and critical thinking for individuals in their professional and personal lives;
- research that contributes to the discovery of knowledge and understanding of human development and family relationships; and
- application of knowledge that is responsive to and informed by constituents' needs.

The department offers undergraduate programs in early childhood education, early child care and development (online), child and family services, family financial planning and family and consumer sciences education. Each of these programs emphasizes integration of theory, research, policy and practice.

Criteria for undergraduate students wishing to transfer into HDFS include a required minimum retention grade-point average.

Hours Completed	Minimum GPA Requirement
Less than 31 hours	2.00
31-45 hours	2.25
Over 45 hours	2.50

The early childhood education (ECE) teacher certification program provides professional preparation for individuals to teach infants through third grade. This option provides a foundation in child development to prepare students to design, implement and evaluate developmentally appropriate curricula for young children.

An early childhood education (ECE) certificate is required to teach pre-kindergarten through third grade in Oklahoma public schools. All students completing the early childhood education option must meet Oklahoma State University and Oklahoma professional education requirements.

The early childcare and development (ECCD) program is 100% online and prepares students to work in early childhood settings with young children. Early Child Care and Development specialists create environments that are healthy, respectful, supportive and challenging for each child. Specialists design, implement, and evaluate experiences that promote positive development in young children.

Graduates are qualified to work in a variety of programs that offer early care and education such as infant and toddler programs, preschool programs, childcare centers and homes, military child development/care

centers, before and after school programs, Head Start programs and related organizations.

The child and family services (CFS) program prepares individuals for careers in providing services and leadership to children, youth, adults and their families. The course content focuses on individual development, family dynamics, family life education, policy, management, and professional skills in the context of the community. Career opportunities are in public and private social services agencies, policy and advocacy centers, and in business and industry.

The CFS program also provides education for individuals planning to continue their education in graduate programs, medical school, law school or other specialized graduate programs. The curriculum focuses on developing skills in critical thinking, scientific investigation, and written and oral communication. Students are prepared for advanced education in such areas as family therapy, child life, medicine, physical therapy, law and psychology. This option provides flexibility to accommodate the student's particular area of interest or to meet prerequisites for a professional school.

The family and consumer sciences education (FACSED) program prepares individuals to provide comprehensive knowledge and skills that will help individuals, families and communities make informed, healthy, research-based and practical decisions to improve their well-being, society and the economy. Two paths are available for career preparation: one for Cooperative Extension Services and one for secondary school instruction. In both, FACSED students take specialized coursework in apparel design and production, family science, hospitality management, housing and interior design, human (including child) development, nutritional sciences, parenting, resource management, textiles and educator preparation so they are equipped to work in educational settings where they will have a significant impact on the lives of others. A semester-long internship or student teaching experience during the senior year in an outstanding program completes the undergraduate university preparation. Upon graduation, students meet the employment requirements for the Oklahoma Cooperative Extension Service and/or the teacher certification requirements for the Oklahoma State Department of Education, depending on which option was chosen. The job market remains strong for both careers in Oklahoma and throughout the nation.

The undergraduate certificate program in Family Financial Planning (15-18 credit hours) is designed for students who aspire to complete the educational requirement to sit for the Certified Financial Planner™ (CFP®) exam. The CFP® is a credential that is highly valued within the Financial Planning industry. This certificate program may be completed while working toward a bachelor's degree or after completing a bachelor's degree.

The BS degree in HDFS requires a minimum of 124 semester credit hours. The online BS in ECCD requires 120 semester credit hours. The undergraduate certificate program in FFP requires 15-18 credit hours. Minors in child development, gerontology, and human services are also available in the department; information on requirements may be obtained from the HDFS department office or the Patricia Kain Knaub Center for Student Success. Articulation agreements between Oklahoma State University and Tulsa Community College and between Oklahoma State University and Northern Oklahoma College provide for a transition toward a baccalaureate degree in human development and family science.

Further information may be found at humansciences.okstate.edu/hdfs (<http://humansciences.okstate.edu/hdfs/>).

Undergraduate Programs

- Early Child Care and Development, BSHS (p. 1438)
- Human Development and Family Science: Child and Family Services, BSHS (p. 1441)
- Human Development and Family Science: Early Childhood Education, BSHS (p. 1444)
- Human Development and Family Science: Family & Consumer Sciences Education, BSHS (p. 1446)
- Family Financial Planning (FFP), Undergraduate Certificate (p. 1439)
- Child Development (CHDV), Minor (p. 1437)
- Gerontology (GERO), Minor (p. 1440)
- Human Services (HSVC), Minor (p. 1448)

Graduate Programs

Graduate study in the Department of Human Development and Family Science (HDFS) is designed to prepare students in the creation, dissemination and application of knowledge focused on reducing risk and enhancing resilience within individuals and among families. HDFS offers graduate study leading to the Master of Science degree and Doctor of Philosophy degree. Graduate study in HDFS emphasizes the integration of theory, research and application to address key issues in risk and resilience. The MS options include Applied Human Services, Developmental and Family Sciences, Early Childhood Education, Family and Community Services, Marriage and Family Therapy, and Gerontology. The PhD is offered in Human Sciences with an option in Human Development and Family Science. Students work with their advisors and advisory committees to develop flexible yet rigorous programs that meet degree requirements and professional competencies in the area of the specialization. Graduate programs in HDFS are central to departmental research. Faculty and students engage in the integration of theory and research to advance the development and application of knowledge to reduce risk and enhance resilience for individuals and families across cultures and generations.

HDFS has provided high quality graduate education programs for decades and has graduates in leadership positions across the state and nation in all areas of specialization. The department includes four centers/institutes that enhance student experiences in graduate study:

- the Child Development Laboratory, licensed by the state of Oklahoma and the National Association for the Education of Young Children (NAEYC);
- the Center for Family Services, offering high quality marriage and family therapy to the public and a training environment for master's degree students who choose the Marriage and Family Therapy (MFT) option;
- the Gerontology Institute, focused on advancing the quality of life for aging populations through interdisciplinary programs of instruction, research and public service; and
- the Center for Family Resilience (CFR) focused on the promotion of resilience and reduction of risk among individuals, couples, and families across the lifespan in rural and urban areas of Oklahoma through multidisciplinary research, education and outreach.

The Master of Science Degree

The MS degree in Human Development and Family Science is awarded in six options. Applicants specify the option in which they are seeking

the MS degree as part of the application process: Applied Human Services (available on both the Stillwater and Tulsa campuses), Developmental and Family Sciences (available on both the Stillwater and Tulsa campuses), Early Childhood Education (available on the Stillwater campus), Marriage and Family Therapy (COAMFTE Accredited; available on the Stillwater campus), Gerontology (offered on the Stillwater campus and online through the Great Plains Interactive Distance Education Alliance) or Family and Community Services (offered online through the Great Plains Interactive Distance Education Alliance).

Admission to the MS program is selective and requires the completion of a bachelor's degree in Human Development, Family Science, Child and Family Services, Early Childhood Education, or a related area. Admission decisions are based on a variety of criteria, including grade-point average (3.0 minimum grade-point average in undergraduate work), GRE scores (minimum scores of 150 for the verbal section, 147 for the quantitative section, and 3.5 for the analytical writing section are preferred for admission), TOEFL scores (required for students for whom English is a second language, 79 minimum), three letters of recommendation, statement of student goals, and a résumé or vita. Admission is available only for the fall semester in the Marriage and Family Therapy option. Applications are reviewed for the fall and spring (on a space available basis) in the other five options.

Students in each option take a minimum of 18 credit hours of department core courses designed to prepare them to integrate theory, research and application focused on reducing risk and enhancing resilience within individuals and among families across cultures and generations. Additional coursework (ranging from a minimum of 12 semester hours to a maximum of 44) in each option, approved by the advisor and student's advisory committee, is focused on integrating theory, research and application within the option. Three options (Early Childhood Education, Marriage and Family Therapy, and Gerontology) offer both a thesis and non-thesis option. The Developmental and Family Sciences option requires a thesis. The minimum number of semester hours required for each option is: Applied Human Services (33 semester hours for non-thesis plan), Early Childhood Education (30 semester hours for thesis plan or 32 for non-thesis plan), Developmental and Family Sciences (30 semester hours for thesis plan), Marriage and Family Therapy (63 semester hours), and Gerontology (39 semester hours for thesis plan; 36 semester hours for the non-thesis plan; and 36 semester hours for the online program through the Great Plains Interactive Distance Education Alliance). The Family and Community Services option offered online through the Great Plains Interactive Distance Education Alliance requires 36 hours in a non-thesis format.

Graduates of the Applied Human Services option provide leadership in diverse human services careers. Graduates (a) demonstrate an ability to describe, discuss and integrate theory, research and application to address key issues related to individual and family risk and resilience; (b) establish a solid theoretical foundation in Human Development and Family Science, and (c) gain experiences and establish competence related to professional issues in human services. Students select a specialization area based on career goals and interests.

The Early Childhood Education BS/MS option emphasizes child development as a foundation for the study and practice of professional education of children from birth through age eight. This program was designed for HDFS undergraduate students seeking both the BS and MS specializing in Early Childhood Education prior to entering the profession. The integrated program is designed to be completed in five years, including two summers, but the MS option is also open to graduates from other departments or universities. To help students gain

a strong understanding of how theory and research inform classroom and professional practice, students take courses in history and theory, curriculum, issues and observation and assessment. Students also complete a field experience in early childhood education as part of the degree program.

This degree program prepares graduates for careers including: early childhood teacher educator; staff training and development; administration and evaluation; child, family and educational advocate; early childhood consultant; early childhood classroom teacher (requires teacher certification prior to the MS program). The Early Childhood Education dual BS/MS option is available only on the OSU-Stillwater campus.

The Developmental and Family Sciences option prepares students to describe, discuss and integrate theory, research and application focused on reducing risk and enhancing resilience. In consultation with their major advisors and advisory committees, students identify courses and experiences that focus on preparing for research-related careers and/or doctoral study. Coursework focuses on the integration of theory and research in human development and family science, research methods and statistics. Students complete a thesis and get practical research experience. The Developmental and Family Sciences option is available on both the OSU-Stillwater and OSU-Tulsa campuses.

The Marriage and Family Therapy option is accredited by the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE) of the American Association for Marriage and Family Therapy. The Marriage and Family Therapy option provides students with basic knowledge, clinical skills and a professional identity essential for entry level practice of marriage and family therapy. Students specializing in marriage and family therapy operate the Center for Family Services, an on-campus family therapy clinic. The MFT curriculum takes at least two and one-half years (including summers) to complete. The academic course work includes courses in systems theory, marriage and family therapy techniques, ethics and professionalism, and research. Course work provides a framework for the application of marriage and family therapy theory and research in clinical practice. In addition, all students are required to take at least 18 months of clinical practice. Graduation requirements include the completion of required coursework, a minimum of 500 client contact hours, and the completion of either a thesis or non-thesis plan. The Marriage and Family Therapy option is only available on the OSU-Stillwater campus.

The Gerontology option engages students in an in-depth study of adulthood, the aging process, needs of aging individuals and family care providers, and services for aging populations. Students may complete the on-campus program (thesis or non-thesis) or the online master's program, a collaborative program of the Great Plains Interactive Distance Education Alliance (Great Plains IDEA).

The Family and Community Services option focuses on the development and implementation of public, private and voluntary support services for individuals, families and communities. This program prepares individuals to function in a variety of occupations promoting family life and family/community well-being and is a collaborative program of the Great Plains Interactive Distance Education Alliance and is offered in an online format.

More information on HDFS MS programs may be obtained from the HDFS department, on the web at humansciences.okstate.edu/hdfs (<http://humansciences.okstate.edu/hdfs/>) or by e-mail hdfs@okstate.edu (humansciences.hdfs@okstate.edu). For additional information on the online master's programs in Gerontology and Family and

Community Services, visit the website at gpidea.okstate.edu (<http://gpidea.okstate.edu>).

The Doctor of Philosophy Degree

The PhD in Human Sciences with option in human development and family science (HDFS) is a research doctoral program designed to promote breadth, depth and integration of knowledge in HDFS through research collaborations. Doctoral students collaborate with faculty and other graduate students on research projects which integrate the theoretical and empirical knowledge base in HDFS and investigate key processes associated with risk and resilience. Upon graduation, doctoral students have the knowledge and experience to develop into leading scholars able to conduct high quality basic and applied research, to provide relevant instruction, develop effective interventions and contribute to the development of informed public policy that reduces risk and enhances resilience within individuals and among families across cultures and generations.

The PhD option in HDFS provides students with the opportunity to concentrate on one of the following disciplines: Human Development or Family Science. Students are admitted to the program to focus in a primary discipline in the department (human development or family science) and to take additional course work in a secondary discipline (human development is the secondary discipline for family science students and family science is the secondary discipline for students in human development).

PhD graduates are prepared to apply knowledge in human development and family science in a collaborative manner in diverse settings. To accomplish this goal, the program is designed around four primary themes: breadth (knowledge of substantive content across the two disciplines of human development and family science), depth (knowledge of substantive content within one discipline, either human development or family science), integration (knowledge synthesized to capitalize on the strengths of the disciplines of human development and family science) and experience (knowledge through involvement in research, instruction and a variety of applications associated with reducing risk and enhancing resilience of individuals and families).

To achieve breadth, depth and experience in the primary emphasis area and in the integration between human development and family science, students take courses and participate in individualized experiences, approved by their major advisor and doctoral advisory committee, that guide the student in mastering the forms (teaching, research and service) and functions (discovery of knowledge, integration of knowledge, application of knowledge and transmission of knowledge) of scholarship expected of doctoral graduates in HDFS.

Two options are available: 90-hour program for BS graduates and 60-hour program for MS graduates (with additional coursework possible for students with BS and MS degrees in other fields). Doctoral training includes participation in research throughout the doctoral program, a qualifying examination in statistics, and completion of portfolio documents designed to integrate knowledge from coursework and experiences and demonstrate attainment of doctoral competencies. Coursework includes a minimum of 15 semester hours in human development and family science content classes, 15 hours in human development and family science methods classes and research practica, 12 semester hours in research and statistics classes, three semester hours in human sciences and 15 hours of dissertation research. Students who did not complete a thesis for the master's degree are required to

complete a thesis equivalent project (beyond the 60 semester hour requirement).

Admission to the PhD program is selective and requires the completion of an MS in human development, family science or related field. Admission decisions are based on a variety of criteria including grade-point average (3.0 grade-point average in undergraduate work and 3.5 in previous graduate study preferred; 3.25 in previous graduate study required), GRE scores (minimum scores of 150 for the verbal section, 147 for the quantitative section, and 4.0 for the analytical writing section are preferred for admission), TOEFL scores (required for students for whom English is a second language, minimum score of 79 on the internet-based TOEFL), three letters of recommendation, a statement of student goals and a résumé.

More information on the PhD option in HDFS may be obtained from the HDFS department at humansciences.okstate.edu/hdfs (<http://humansciences.okstate.edu/hdfs/>) or by e-mail: hdfs@okstate.edu ([human sciences.hdfs@okstate.edu](mailto:human%20sciences.hdfs@okstate.edu)).

Faculty

Sissy R. Osteen, PhD, CFP®—Associate Professor and Head

Assistant Department Head: Jarrod Noftsger, MS

Regents Professor and Dean: Stephan Wilson, PhD

Regents Professor: Laura Hubbs-Tait, PhD

Regents Professor and George Kaiser Family Foundation Endowed Chair in Child Development: Amanda Morris, PhD

Professor and Associate Dean: Christine Johnson, PhD

Professor and Endowed Professor in Parenting: Robert Larzelere, PhD

Professor and Bryan Close Professor: Amanda W. Harrist, PhD

Professor and Center of Family Resilience Director: Michael Merten, PhD

Professors: Carolyn S. Henry, PhD; Karina Shreffler, PhD

Associate Professor and Gerontology Program Coordinator: Alex Bishop, PhD

Associate Professor and Marriage and Family Therapy Program

Coordinator: Matt Brosi, PhD

Associate Professor and George Kaiser Family Foundation Endowed Chair in Child and Family Resilience: Ron Cox, PhD

Associate Professor and Early Childhood Education Program Coordinator: Amy Payton, PhD

Associate Professor and George Kaiser Family Foundation Endowed Chair in Family & Community Policy: Michael Stout, PhD

Associate Professors: Whitney Bailey, PhD; Lana Beasley, PhD; Michael Criss, PhD; Kami Gallus, PhD; Brandt Gardner, PhD; Charles Hendrix, PhD

Assistant Professor and MFT Director of Clinical Training: Nathan Hardy, PhD

Assistant Professors: Gretchen Cole-Lade, PhD; Jennifer Jones, PhD; Kate Mielitz, PhD; Isaac Washburn, PhD

Clinical Professor: Paula Tripp, PhD

Clinical Associate Professor: Ginger Welch, PhD

Assistant Professor of Professional Practice and Director of Center for Family Services: Todd Spencer, PhD

Clinical Assistant Professor: Jennifer Stepp, PhD

Clinical Instructor: Marie Collins, MA

Assistant Extension Specialists: Cindy Clampet, MS; Kris Struckmeyer, PhD

Cleo L. Craig Child Development Laboratory Interim Director: Sandy Major, MS

Child Development (CHDV), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Human Development and Family Science, 233 HSCI,
405-744-5057

Minimum Overall Grade Point Average: 2.50

Total Hours: 17 hours

Code	Title	Hours
Minor Requirements		
HDFS 1112	Introduction to Human Development and Family Science	2
HDFS 2113	Lifespan Human Development (S)	3
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	3
HDFS 3123	Parenting (S)	3
HDFS 3413	Infant and Child Development	3
HDFS 3443	Family Dynamics	3
Total Hours		17

Other Requirements

- 9 hours upper division with a 2.50 GPA.

Additional OSU Requirements

Undergraduate Minors

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

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

Early Child Care and Development, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
ENGL 1213	Composition II	3
<i>American History & Government</i>		
Select one of the following:		
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
Courses designated (A)		
Must include one MATH course.		
<i>Humanities (H)</i>		
Courses designated (H)		
6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
6 hours from courses designated (N) with one (L)		
6		
<i>Social & Behavioral Sciences (S)</i>		
3 hours from courses designated (S)		
3		
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		
10		
Hours Subtotal		40
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2
or HS 3112	Human Sciences First-Year Seminar for Transfer Students	
HDFS 2113	Lifespan Human Development (S)	3
Hours Subtotal		5
Major Requirements		
Minimum grade of "C" in each course		
<i>Pre-Practicum I Courses</i>		
HDFS 3023	Child Development - Birth to 3	3
HDFS 3033	Child Development - 4 to 8	3
HDFS 3043	Professional Development for Early Childhood Educators	3
<i>Practicum I</i>		
HDFS 4013	Practicum I in Early Childhood	3
<i>Pre-Practicum II Courses</i>		

HDFS 3263	Curriculum Development for Children Ages Birth to 3	3
HDFS 3273	Curriculum Development for Children Ages 4-8	3
HDFS 3283	Assessing Young Children and their Environments to Enhance Development	3
HDFS 3293	Understanding and Adapting for Developmental Differences	3
HDFS 3053	Child Guidance and Classroom Environments	3
<i>Practicum II</i>		
HDFS 4023	Practicum II in Early Childhood	3
<i>Professional Development Courses</i>		
HDFS 3303	Administration and Supervision in Early Childhood Settings	3
HDFS 3063	Health, Safety And Nutrition	3
HDFS 3313	Technology And Young Children	3
HDFS 3323	Diversity in the Lives of Young Children and Families	3
HDFS 3333	Working with Families	3
<i>Practicum III</i>		
HDFS 4036	Practicum III in Early Childhood	6
Hours Subtotal		51
Electives		
Electives can be met with any additional courses providing student meets required prerequisites.		
Hours Subtotal		24
Total Hours		120

Other Requirements

- 45 hours must be upper-division.
- Transfer Admission Requirements: 2.00 for less than 31 hours; 2.25 for 31-45 hours; 2.50 for more than 45 hours.
- Required for graduation:
 - a. 2.50 overall GPA, and
 - b. 2.50 GPA in Major Requirements and College/Departmental 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 2026.

Family Financial Planning (FFP), Undergraduate Certificate

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Total Hours: 18 hours.

Code	Title	Hours
FFP 3803	Fundamentals of Family Financial Planning ¹	3
FFP 3813	Insurance Planning for Families	3
FFP 3823	Retirement Planning for Families	3
FFP 3833	Estate Planning for Families	3
FFP 4813	Income Tax Planning for Families	3
FFP 4823	Investment Planning for Families	3
FFP 4933	Capstone: Financial Plan Development	3

¹ Optional course

Contact: Dr. Kate Mielitz, Assistant Professor, 405-744-6052

Gerontology (GERO), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Human Development and Family Science, 233 HSCI,
405-744-5057

Minimum Overall Grade Point Average: 2.50

Total Hours: 21 hours

Code	Title	Hours
Minor Requirements		
HDFS 2113	Lifespan Human Development (S)	3
HDFS 3443	Family Dynamics	3
HDFS 4413	Successful Aging (S)	3
HDFS 4713	Family Resource Management	3
HDFS 4813	Dying, Death and Bereavement	3
Select 6 hours of the following:		6
HDFS 4543	Intergenerational Relationships (S)	
HDFS 4823	Aging Concepts and Controversies	
HDFS 4950	Research Practicum in HDFS	
Total Hours		21

Other Requirements

- 18 hours upper-division with a 2.50 GPA.

Additional OSU Requirements

Undergraduate Minors

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

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

Human Development and Family Science: Child and Family Services, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 122

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413	Composition II Critical Analysis and Writing II	3
<i>American History & Government</i>		
Select one of the following: 3		
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513 or MATH 1483	College Algebra (A) Mathematical Functions and Their Uses (A)	3
<i>Humanities (H)</i>		
Courses designated (H) 6		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
NSCI 2114	Principles of Human Nutrition (N)	4
3 hours from courses designated (N) with one (L) 3		
<i>Social & Behavioral Sciences (S)</i>		
SPCH 2713	Introduction to Speech Communication (S)	3
<i>Additional General Education</i>		
Select one of the following: 3		
STAT 2013	Elementary Statistics (A) (Minimum grade of "C")	
STAT 2023	Elementary Statistics for Business and Economics (A) (Minimum grade of "C")	
STAT 2053	Elementary Statistics for the Social Sciences (A) (Minimum grade of "C")	
6 hours from courses designated (A), (H), (N), or (S) 6		
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		

HS 1112	Human Sciences First-Year Seminar (Minimum grade of "C")	2
or HS 3112	Human Sciences First-Year Seminar for Transfer Students	

<i>Human Development and Family Science</i>		
ENGL 3323	Technical Writing	3
HDFS 1112	Introduction to Human Development and Family Science (Minimum grade of "C")	2
HDFS 2113	Lifespan Human Development (S) ¹	3
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	3
HDFS 3123	Parenting (S) ¹	3
HDFS 4533	Critical Issues in Human Development and Family Science	3

Hours Subtotal 19

Major Requirements		
<i>Family Life Education Core</i>		
HDFS 2213	Human Sexuality and the Family	3
HDFS 2523	Professional Skills in Human Services (Minimum grade of "C")	3
HDFS 2433	Relationship Development and Marriage (S)	3
HDFS 3443	Family Dynamics	3
HDFS 4433	Family Life Education	3
HDFS 4473	Policy, Law and Advocacy	3
HDFS 4521	HDFS Child and Family Services: Pre-Internship (Minimum grade of "C")	1
HDFS 4563	Internship in Child and Family Services I	3
HDFS 4572	Internship in Child and Family Services II	2
HDFS 4713	Family Resource Management	3

<i>Developmental Core</i>		
HDFS 3413	Infant and Child Development	3
HDFS 3423	Adolescent Development in Family Contexts (S)	3
HDFS 4413	Successful Aging (S)	3

<i>Risk & Resilience Science Core</i>		
HDFS 3513	Research Methods in Human Development and Family Science	3
HDFS 4423	Family Risk and Resilience	3

Hours Subtotal 42

Professional Track Requirements		
See Professional Track Advising Sheets listing controlled electives. Some tracks may require more than 21 hours.		
Select a track (p. 1442)		21

Hours Subtotal 21

Total Hours 122

¹ Meets Certified Family Life Education national requirements.

Other Requirements

- 40 hours must be upper-division.
- A 2.50 Major GPA is required for graduation. This includes all courses in College/Departmental, Professional Track and Major Requirements.

- **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.

Professional Track Requirements

Aging Services (AGES)

Merit-based state/federal certification/licensing eligible.

Code	Title	Hours
HDFS 4543	Intergenerational Relationships (S)	3
HDFS 4813	Dying, Death and Bereavement	3
HDFS 4823	Aging Concepts and Controversies	3
Select 12 hours of controlled electives		12

Child & Parenting Practitioner (CPP)

OFRC certification-eligible.

Code	Title	Hours
HDFS 2453	Management of Human Service Programs	3
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	3
SPED 3202	Educating Exceptional Learners (D)	2
Select 13 hours of controlled electives		13

Early Childhood & Infant Mental Health (IMH)

OK-AIMH endorsement-eligible.

Code	Title	Hours
HDFS 2211	Early Childhood Field Experience I	1
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	3
HDFS 2243	Infant-Toddler Programming	3
HDFS 2453	Management of Human Service Programs	3
HDFS 4373	Early Childhood Health & Well-Being	3
Select 8 hours of controlled electives		8

Health and Wellbeing (HWB)

Students must declare a minor in HEPR.

Code	Title	Hours
HLTH 2213	Introduction to Public Health	3
HLTH 2603	Total Wellness (S)	3
HLTH 3613	Community Health	3
HLTH 3643	Health Behavior Theory	3
HLTH 4973	Program Design in Public Health	3
HHP 2654	Applied Anatomy	4
HHP 3114	Physiology of Exercise	4

Health Professions (HP)

Pre-Professional/Pre-Health controlled electives. Check specific admission requirements at university/professional school of choice.

Individualized Plan (IP)

21 hours with a clearly articulated emphasis approved in writing by the HDFS department head or an OSU minor that supports the HDFS major and student's career goals, as approved by an advisor. Note: a course required elsewhere on this degree sheet cannot be counted towards two requirements. With approval from advisor and

department head, a maximum of 30 hours from an accredited doctoral law or health program may be used for up to 21 hours of electives. Up to 9 hours may be substituted for HDFS 2433 Relationship Development and Marriage (S), HDFS 4433 Family Life Education, and HDFS 4473 Policy, Law and Advocacy.

International Human Services (INTL)

Code	Title	Hours
HDFS 2453	Management of Human Service Programs	3
Select 6 hours of the following:		6
HDFS 3203	Children's Play: A World Perspective (I)	
HDFS 4793	The Family: A World Perspective (IS)	
HDFS 4813	Dying, Death and Bereavement	
Select 12 hours of controlled electives that meet International Dimension (I) designation or are Foreign Language courses		12

Policy & Law (LAW)

Code	Title	Hours
HDFS 2453	Management of Human Service Programs	3
POLS 2013	Introduction to International Relations (S)	3
POLS 2023	The Individual And The Law	3
POLS 2033	Introduction to Public Administration	3
Select 9 hours of controlled electives		9

Pre-Marriage & Family Therapy (MFT)

Code	Title	Hours
HDFS 2453	Management of Human Service Programs	3
HDFS 4573	Introduction to Marriage and Family Therapy	3
HDFS 4813	Dying, Death and Bereavement	3
Select 3 hours of the following:		3
HDFS 4750	Topics In HDFS	
HDFS 4850	Special Courses in Human Development and Family Science	
HDFS 4950	Research Practicum in HDFS	
PSYC 3443	Abnormal Psychology (S)	3
Select 6 hours of controlled electives		6

Research/Graduate Studies (RES)

Code	Title	Hours
Select 6 hours of the following:		6
HDFS 4750	Topics In HDFS	
HDFS 4850	Special Courses in Human Development and Family Science	
HDFS 4950	Research Practicum in HDFS	
Select 15 hours of controlled electives		15

Social Work/Social Welfare (SWSW)

Code	Title	Hours
HDFS 2453	Management of Human Service Programs	3
HDFS 4813	Dying, Death and Bereavement	3
SOC 2123	Social Problems (DS)	3
SOC 3223	Social Psychology (S)	3
Select 9 hours of controlled electives		9

Youth & Family Ministry/Outreach (MIN)

Code	Title	Hours
Select 3 hours of the following:		3
HDFS 2453	Management of Human Service Programs	
HDFS 4793	The Family: A World Perspective (IS)	
HDFS 4813	Dying, Death and Bereavement	
RMRT 3313	Camp Operations and Programs	
Select one of the following:		6
REL 1103 & REL 2013	Introduction to World Religions (HI) and Hebrew Scriptures (H)	
REL 2023 & HIST 2343	The New Testament and Its Study (H) and Religion in America (DH)	
Select 12 hours of controlled electives		12

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.

Human Development and Family Science: Early Childhood Education, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 124

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413	Composition II Critical Analysis and Writing II	3
<i>American History & Government</i>		
Select one of the following: 3		
HIST 1103 HIST 1483 HIST 1493	Survey of American History American History to 1865 (H) American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) College Algebra (A)	3
<i>Humanities (H)</i>		
ENGL 2413	Conversations in Literature (DH)	3
Course designated (H) 3		
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
Course designated (N) 4		
<i>Social & Behavioral Sciences (S)</i>		
GEOG 1113 or GEOG 1713	Introduction to Cultural Geography (IS) World Regional Geography (IS)	3
<i>Additional General Education</i>		
Select one of the following: 3		
STAT 2013 STAT 2023 STAT 2053	Elementary Statistics (A) Elementary Statistics for Business and Economics (A) Elementary Statistics for the Social Sciences (A)	
HDFS 2113 or HDFS 2114	Lifespan Human Development (S) Lifespan Human Development: Honors	3
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	3
Hours Subtotal		41

Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

At least one Diversity (D) course

At least one International Dimension (I) course

College/Departmental Requirements

Human Sciences

HS 1112 or HS 3112	Human Sciences First-Year Seminar Human Sciences First-Year Seminar for Transfer Students	2
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Human Development and Family Science

HDFS 1112	Introduction to Human Development and Family Science	2
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Hours Subtotal 4

Major Requirements

Early Childhood Education

HDFS 2211	Early Childhood Field Experience I	1
HDFS 2223	Foundations in Early Childhood Education	3
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	3
HDFS 2243	Infant-Toddler Programming	3
HDFS 3024	Literacy Assessment and Instruction in Early Childhood Education	4
HDFS 3103	Social Development and Social Studies in Early Childhood	3
HDFS 3202	Early Childhood Field Experience II	2
HDFS 3213	Literacy Development in Early Childhood Education	3
HDFS 3223	Mathematics and Science in Early Childhood	3
HDFS 3233	Guidance and Classroom Management in Programs for Young Children	3
HDFS 4313	Early Childhood Field Experience III	3
HDFS 4323	Family, School, and Community	3
HDFS 4333	Early Childhood Capstone	3
HDFS 4339	Student Teaching in Early Childhood Education	9
HDFS 4363	Integrated Curriculum in Early Childhood Education	3

Subject Area Requirements

Additional Subject Area Requirements in General Education Requirements Section

Analytical & Quantitative Thought:

MATH 3403	Geometric Structures for Early Childhood and Elementary Teachers	3
MATH 3603	Mathematical Structures for Early Childhood and Elementary Teachers	3

English Composition & Oral Communication:

ENGL 3323	Technical Writing	3
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Social & Cultural Dimension:

5 hours from one language: ASL, CHIN, FREN, GRMN, JAPN, RUSS, SPAN		5
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Natural Sciences:

NSCI 2114	Principles of Human Nutrition (N)	4
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Professional Core

HDFS 3413	Infant and Child Development	3
HDFS 3513	Research Methods in Human Development and Family Science	3

EDTC 3123	Applications of Educational Technologies	3
SPED 3202	Educating Exceptional Learners (D)	2
Hours Subtotal		78
Electives		
Electives can be met with any additional courses providing student meets required prerequisites. (Minimum grade of "C")		1
Hours Subtotal		1
Total Hours		124

HDFS 4339	Student Teaching in Early Childhood Education	9
HDFS 4363	Integrated Curriculum in Early Childhood Education	3

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.

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:
 - a. 2.50 overall GPA and
 - b. 2.50 GPA in General Education Requirements, Major Requirements, College/Departmental Requirements, Professional Core and Electives.
- Required for recommendation for Licensure/Standard Certification:
 - a. 2.50 overall (Graduation/Retention) GPA,
 - b. 2.50 GPA in General Education Requirements, Major Requirements, Professional Core, Electives and College/Departmental Requirements with no grades 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:

Code	Title	Hours
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	3
HDFS 2211	Early Childhood Field Experience I	1
HDFS 2223	Foundations in Early Childhood Education	3
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	3
HDFS 2243	Infant-Toddler Programming	3
HDFS 3024	Literacy Assessment and Instruction in Early Childhood Education	4
HDFS 3103	Social Development and Social Studies in Early Childhood	3
HDFS 3202	Early Childhood Field Experience II	2
HDFS 3213	Literacy Development in Early Childhood Education	3
HDFS 3223	Mathematics and Science in Early Childhood	3
HDFS 3233	Guidance and Classroom Management in Programs for Young Children	3
HDFS 4313	Early Childhood Field Experience III	3
HDFS 4323	Family, School, and Community	3
HDFS 4333	Early Childhood Capstone	3

Human Development and Family Science: Family & Consumer Sciences Education, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 121

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
ENGL 1213 or ENGL 1413	Composition II Critical Analysis and Writing II	3
<i>American History & Government</i>		
Select one of the following: 3		
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1483 or MATH 1513	Mathematical Functions and Their Uses (A) College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1014	Chemistry In Civilization (LN)	4
3 hours from courses designated (N) or (N, L)		3
<i>Social & Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
Select one of the following: 3		
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
Courses designated (A), (H), (N), or (S)		6
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2

or HS 3112	Human Sciences First-Year Seminar for Transfer Students	
<i>Human Development and Family Science</i>		
ENGL 3323	Technical Writing	3
HDFS 1112	Introduction to Human Development and Family Science	2
HDFS 2113	Lifespan Human Development (S)	3
HDFS 2213	Human Sexuality and the Family	3
HDFS 3123	Parenting (S)	3
Hours Subtotal		16
Major Requirements		
<i>Program Specialization Courses</i>		
Minimum grade of "C" in each course		
2.75 minimum GPA in Program Specialization Courses is required for field experience placement		
DHM 1003	Design Theory and Processes for Design and Merchandising	3
DHM 1103	Basic Apparel Assembly	3
DHM 2573	Textiles (LN)	3
DHM 2913	Sewn Product Quality Analysis	3
FIN 2123	Personal Finance	3
HDFS 2433	Relationship Development and Marriage (S)	3
HDFS 3413	Infant and Child Development	3
HDFS 3423	Adolescent Development in Family Contexts (S)	3
HDFS 4413	Successful Aging (S)	3
HDFS 4713	Family Resource Management	3
HTM 1113	Fundamentals of Culinary Production	3
HTM 2021	Food Safety and Sanitation	1
NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3543	Food and the Human Environment (IS)	3
1 hour of controlled elective		1
Hours Subtotal		45
<i>Professional Education Requirements</i>		
Minimum grade of "C" or "P" in each course		
2.50 minimum GPA in Professional Education Requirements is required for field experience placement		
EDTC 3123	Applications of Educational Technologies	3
HDFS 3603	Family and Consumer Sciences Classroom Management and Educational Foundations	3
HDFS 3623	Field Experiences in Family and Consumer Sciences Education	3
HDFS 4913	Instructional Methods in Family and Consumer Sciences	3
SPED 3202	Educating Exceptional Learners (D)	2
Professional Internship or Student Teaching Experience: Select a professional area (p. 1447)		6
Hours Subtotal		20
Total Hours		121

Professional Areas

FCS Cooperative Extension Service

Code	Title	Hours
HDFS 4521	HDFS Child and Family Services: Pre-Internship	1
HDFS 4563	Internship in Child and Family Services I	3
HDFS 4572	Internship in Child and Family Services II	2

FACS School Instruction

Code	Title	Hours
HDFS 4520	Student Teaching in Family and Consumer Sciences Education	6

Other Requirements

- 40 hours must be upper-division.
- Required for graduation:
 - a. 2.50 overall GPA (cumulative) and
 - b. 2.75 GPA in combination of Program Specialization Requirements, Professional Education Requirements, and College/Departmental Requirements.
- Required for recommendation for Licensure/Standard Certification:
 - a. 2.50 overall GPA (cumulative);
 - b. 2.75 GPA in Program Specialization Courses and Professional Education Requirements;
 - c. No grades lower than "C" in all College/Departmental Requirements, Major Requirements and Professional Education Requirements; and
 - d. 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 Introduction to Human Development and Family Science and HDFS 4521 HDFS Child and Family Services: Pre-Internship 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 2026.

Human Services (HSVC), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Human Development and Family Science, 233 HSCI,
405-744-5057

Minimum Overall Grade Point Average: 2.50

Total Hours: 17 hours

Code	Title	Hours
Minor Requirements		
HDFS 1112	Introduction to Human Development and Family Science	2
HDFS 2113	Lifespan Human Development (S)	3
HDFS 2433	Relationship Development and Marriage (S)	3
HDFS 2453	Management of Human Service Programs	3
HDFS 2523	Professional Skills in Human Services	3
HDFS 3443	Family Dynamics	3
Total Hours		17

Other Requirements

- 3 hours upper-division with 2.50 GPA.

Additional OSU Requirements

Undergraduate Minors

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

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

Nutritional Sciences

The Department of Nutritional Sciences advances health and quality of life of individuals and communities and prepares professionals through discovery, education and application of scientific knowledge.

Graduates are prepared to apply nutrition knowledge in dietetic internships, healthcare professional schools, graduate programs and food and nutrition-related professions. Four degree options and a minor are offered through the department.

The human nutrition/premedical sciences option is ideal for students desiring greater depth in the physiological and biochemical sciences in preparation for medical and other professional schools, graduate study and research in human nutrition. It includes the prerequisites for admission to most medical, dental, optometry and pharmacy schools. The allied health option provides required coursework for most nursing schools, physician assistant programs, schools of physical and occupational therapy, dental hygiene and other health professions. The public health nutrition option offers coursework for positions in nutrition education, wellness, school food service management and other areas as well as the prerequisites for the MS in Athletic Training. The dietetics option provides the coursework required to become a Registered Dietitian (see OSU Didactic Program in Dietetics below).

The mission of the OSU Didactic Program in Dietetics is to promote human health and quality of life by preparing students for supervised practice leading to eligibility for the CDR credentialing exam to become a RDN. The dietetics profession is diverse and dynamic, integrating human nutrition, food service administration, food science, chemistry, physiology, management and interpersonal skills. The dietetics option is the only option that includes the Didactic Program in Dietetics (DPD) coursework required to apply for competitive dietetic internships (DI). When students successfully complete the academic requirements (DPD) and supervised practice component (DI), they are eligible for the national Registration Examination for Dietitians administered by the Commission on Dietetic Registration (CDR) of the Academy of Nutrition and Dietetics (the Academy). Individuals who successfully complete the examination become Registered Dietitians/Nutritionists and are entitled to use the initials "RD" or "RDN" to signify professional competence. Many states, including Oklahoma, also require a license to practice dietetics in the state. Each state law varies in its scope. Didactic Program in Dietetics information and the DPD Student Handbook are found at humansciences.okstate.edu/dpd (<https://humansciences.okstate.edu/nsci/undergraduate-students/dietetics-program-osu.html>).

The Didactic Program in Dietetics is currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, Illinois 60606-6995, 312.899.0040 ext. 5400.

Nutrition professionals work in a wide range of settings, in both the public and private sectors and assume an array of challenging responsibilities. Career opportunities for a registered/licensed dietitian include: health care dietitian and administrator, nutrition researcher, fitness/wellness consultant, public health nutritionist, school nutrition director, Cooperative Extension educator, entrepreneur in dietetic programs and services, and corporate dietitian/nutritionist. DPD Graduates who do not enter dietetic internships may work in related fields which do not require the RD credential such as school food service, Cooperative Extension, pharmaceutical or food sales, food service management and government programs; take the certified dietary manager (CDM) exam; or enter

related graduate programs such as Master of Science in Public Health. Upon earning the DPD "verification statement," students may take the CDR exam to become dietetic technicians, registered (DTR). University teaching and research in the field of nutrition and some specialized careers require advanced degrees or additional course work.

Admission Requirements

Transfer students must have earned a 2.5 retention GPA in order to be admitted to the NSCI undergraduate program.

Further information may be found at humansciences.okstate.edu/nsci (<http://humansciences.okstate.edu/nsci/>).

Dietetic Internship

The dietetic internship (DI) at Oklahoma State University requires a bachelor's degree and prior completion of the DPD requirements for admission and meets the Academy's 1200-hour supervised practice requirement for registration eligibility. Its mission is to advance health and quality of life of individuals and communities by preparing dietetic professionals for competent practice through education, discovery and application of scientific knowledge. The internship provides experience in clinical, management, and community practice settings where interns develop entry-level practice competence. Entry into the dietetic internship is competitive, requiring an application to the OSU DI and NSCI Master's Degree and participation in the Academy of Nutrition and Dietetics computer matching or pre-selection process. All students admitted to the Dietetic Internship must earn the departmental Master of Science in nutritional sciences (nutrition option) or enter with at least an MS which is essentially equivalent to the NSCI MS (nutrition option).

The Dietetic Internship at OSU is currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, Illinois 60606-6995, 312.899.0040 ext. 5400.

Dietetic Internship information is found at <https://humansciences.okstate.edu/nsci/graduate-students/dietetic-internship.html>.

Undergraduate Programs

- Nutritional Sciences: Allied Health, BSHS (p. 1452)
- Nutritional Sciences: Dietetics, BSHS (p. 1454)
- Nutritional Sciences: Human Nutrition/Pre-Medical Sciences, BSHS (p. 1456)
- Nutritional Sciences: Public Health Nutrition, BSHS (p. 1458)
- Nutritional Sciences (NSCI), Minor (p. 1451)

Graduate Programs

The Department of Nutritional Sciences offers graduate study leading to a Master of Science degree in nutritional sciences and a Doctor of Philosophy degree in nutritional sciences. Graduate study in NSCI emphasizes the conduct and application of research to the field of human nutrition. Graduate students work with an advisor and advisory committee to develop flexible, yet rigorous programs of study and research that meet the degree requirements and each student's professional goals within an area of specialization in the field.

The Master of Science Degree

The MS degree program is designed to develop research skills, stimulate independent thought and critical thinking, and provide up-to-date knowledge in a variety of areas of human nutrition. Admission to the MS graduate program is selective and is based on a variety of factors including the student's grade-point average (overall and science GPA), Graduate Record Examination (GRE) scores, letters of recommendation and goal statement. The prerequisite for the MS program is a BS in nutritional sciences. Students with a BS degree in a subject area other than nutrition are required to have a minimum of 30 credit hours of undergraduate/graduate coursework related to nutritional sciences, including at least one course in biochemistry, one course in physiology and one upper-level nutrition course prior to full admission. Applicants who do not meet these requirements may be considered for conditional acceptance and required to take prerequisite courses and/or demonstrate academic ability.

Students in the MS program-nutrition option can choose one of two tracks: thesis or non-thesis. The MS degree with thesis requires a minimum of 30 credit hours, including six credit hours for thesis research (NSCI 5000 Master's Thesis). Thesis research is conducted within the advisor's area of interest and is approved by an advisory committee. The non-thesis MS degree requires a minimum of 34 credit hours with three credit hours of NSCI 5843 Non-thesis Graduate Capstone, including a comprehensive examination, a written research paper, and an oral presentation. The student's plan of study and research is determined in consultation with his/her advisor and advisory committee.

An online Master of Science degree in nutritional sciences with an option in dietetics is also offered to Registered Dietitians (RD) or individuals who are RD eligible. OSU offers this degree program as a member of the Great Plains Interactive Distance Education Alliance (Great Plains IDEA) which provides the opportunity for Registered Dietitians to study with faculty from eight universities in the Alliance via Internet-based courses. The MS in Dietetics requires completion of 36 credit hours, including nine core credits, six OSU Nutritional Sciences Core credits, 18 elective credits and NSCI 5843 Non-thesis Graduate Capstone. A faculty advisor and the graduate committee from the Nutritional Sciences department must approve a student's program of study. More detailed information can be found at: gpidea.okstate.edu (<http://gpidea.okstate.edu>).

The Doctor of Philosophy Degree

The PhD degree is awarded in nutritional sciences. Two programs are available: a 60-hour program for MS graduates and a 90-hour program for BS graduates. The focus of the program is to prepare individuals for careers in a variety of areas including higher education, industry, healthcare and governmental programs. Admission to the program is competitive and applicants are expected to provide evidence of exceptional academic ability and preparation, a statement of goals and letters of recommendation. Grade-point average in previous undergraduate, professional school and graduate coursework and Graduate Record Examination (GRE) scores are considered in the evaluation of the applicant. If a thesis was not required as a component of the applicant's MS program, a thesis or equivalent must be completed in addition to the requirements for the doctoral degree. Prerequisite coursework for full admittance to the PhD program includes at least one graduate or undergraduate course in biochemistry and physiology, six credit hours at the graduate level in nutrition and three credit hours of statistics. Students with MS degrees in a subject area other than nutrition will also be required to have a minimum of 30 credit hours of undergraduate/graduate coursework related to nutritional sciences,

including the prerequisite courses listed above. Applicants who do not meet these requirements may be considered for conditional acceptance and required to take additional prerequisite courses.

The PhD program includes a strong emphasis on research in areas ranging from basic molecular and cellular sciences to clinical and community applications. Students also gain experience in resource generation, knowledge sharing and community engagement. Each program of study is designed by the student under direction of his/her faculty advisor and advisory committee to develop the student's competence in an area of specialization and research methodologies. Doctoral training includes 15-30 hours of dissertation research, a qualifying examination covering core nutrition knowledge, a comprehensive examination focused on the area of specialization and participation in research throughout the program.

More detailed information on graduate study in the Department of Nutritional Sciences can be obtained by writing the graduate coordinator, or accessing the website at humansciences.okstate.edu/nsci/ (<http://humansciences.okstate.edu/nsci/>).

Faculty

Stephen L. Clarke, PhD, RD—Department Head and Professor

Regents Professor and Marilyn Thoma Chair: Barbara J. Stoecker, PhD, RD/LD, FAND

Regents Professor and John and Sue Taylor Endowed Professor and Associate Dean Graduate College: Brenda Smith, PhD

Professor and Jim and Lynne Williams Endowed Professor: Edralin Lucas, PhD

Professor: Janice Hermann, PhD, RD/LD

Professor and Graduate Coordinator: Deana Hildebrand, PhD, RD/LD

Associate Professors: Barbara Brown, PhD, RD/LD; Tay Kennedy, PhD, RD/LD; Dingbo (Daniel) Lin, PhD

Assistant Professors: Winyoo Chohanadisai, PhD; Sam Emerson, PhD; McKale Montgomery, PhD, RD; Jillian Joyce, PhD, RD

Teaching Assistant Professor: Lauren Amaya, PhD, RD/LD, Shirley Evans, PhD, PA, RD/LD

Teaching Instructor: Michael Rhone, MS, RD

Teaching Associate Professor and Director of Dietetic Internship: Gena Wollenberg, PhD, RD/LD

Director of Didactic Program in Dietetics and Assistant Director of Dietetic Internship: Catherine Palmer, MS, RD/LD

Instructors: Shannon Campbell, MS, RD; Embrey Pollet, MS, RD

Associate Extension Specialist and CNEP Coordinator: Candance Gabel, MS, RD/LD

Assistant State Specialists and CNEP Nutritionist: Jenni Kinsey, MS, RD/LD; Diana Romano, MS, RD/LD; Jennie Till, MS, RD/LD

Nutritional Sciences (NSCI), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Department of Nutritional Sciences, 301 HSCI, 405-744-5040

Minimum Overall Grade Point Average: 2.50

Total Hours: 17 hours

Code	Title	Hours
Minor Requirements		
NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 3011	Nutrition and Evidence-based Practice I	1
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3543	Food and the Human Environment (IS)	3
NSCI 4123	Human Nutrition and Metabolism I	3
Choose 3 Hours from Elective Courses		3
NSCI 4023	Nutrition in the Pathophysiology of Chronic Disease	
NSCI 4133	Nutrition for Exercise and Sport	
NSCI 4143	Human Nutrition and Metabolism II	
NSCI 4373	Principles of Nutrition Education and Counseling	
NSCI 4913	Nutritional Epidemiology	
Total Hours		17

Other Requirements

- Acceptance to the minor based upon cumulative graduation/retention GPA of 2.50.
- Minimum of "C" required in all minor courses.

Additional OSU Requirements

Undergraduate Minors

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

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

Nutritional Sciences: Allied Health, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1215	Chemical Principles I (LN) ¹	4
or CHEM 1314	Chemistry I (LN)	
CHEM 1225	Chemical Principles II (LN)	5
or CHEM 1515	Chemistry II (LN)	
<i>Social & Behavioral Sciences (S)</i>		
Courses designated (S)		3
<i>Additional General Education</i>		
BIOL 1114	Introductory Biology (LN)	4
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3723	Business and Professional Communication	
STAT 2013	Elementary Statistics (A)	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
Hours Subtotal		43
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2

or HS 3112	Human Sciences First-Year Seminar for Transfer Students	
HDFS 2113	Lifespan Human Development (S)	3
<i>Nutritional Sciences</i>		
NSCI 3011	Nutrition and Evidence-based Practice I	1
NSCI 3021	Nutrition and Evidence-based Practice II	1
NSCI 4021	Nutrition and Evidence-based Practice III	1
Hours Subtotal		8
Major Requirements		
2.50 GPA is required for Major Requirements		
NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3440	Nutritional Sciences Pre-Professional Experience (1 hour)	1
NSCI 3543	Food and the Human Environment (IS)	3
NSCI 4023	Nutrition in the Pathophysiology of Chronic Disease	3
NSCI 4123	Human Nutrition and Metabolism I	3
NSCI 4143	Human Nutrition and Metabolism II	3
NSCI 4373	Principles of Nutrition Education and Counseling	3
BIOL 3204	Physiology	4
BIOL 3214	Human Anatomy	4
Select one of the following (see advisor):		5
CHEM 3015	¹	
CHEM 3053	Organic Chemistry I	
& CHEM 3112	and Organic Chemistry Laboratory	
& CHEM 3153	and Organic Chemistry II (complete series)	¹
HHP 2802	Medical Terminology for the Health Professions	2
HLTH 2603	Total Wellness (S)	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
UNIV 2511	Introduction to Health Careers	1
19-22 hours of controlled electives to total 69 hours of major requirements		22
Hours Subtotal		69
Total Hours		120

¹ If a student takes CHEM 1215 Chemical Principles I (LN) one hour will count as a controlled elective. If student completes CHEM 3013 Survey of Organic Chemistry and CHEM 3012 Survey of Organic Chemistry Laboratory, he/she must take 22 hours of controlled electives. If student completes CHEM 3053 Organic Chemistry I, CHEM 3112 Organic Chemistry Laboratory and CHEM 3153 Organic Chemistry II, he/she must take 19 hours of controlled electives.

Consult admissions requirements for specific professional programs.

Ensure that enough upper-division controlled electives are taken to meet the 40 hour upper-division Regents requirement.

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.

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.
- 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 2026.

Nutritional Sciences: Dietetics, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 122

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1215	Chemical Principles I (LN)	4
or CHEM 1314	Chemistry I (LN)	
CHEM 1225	Chemical Principles II (LN)	5
or CHEM 1515	Chemistry II (LN)	
<i>Social & Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
BIOL 1114	Introductory Biology (LN)	4
SPCH 2713	Introduction to Speech Communication (S)	3
or SPCH 3723	Business and Professional Communication	
STAT 2013	Elementary Statistics (A)	3
or STAT 2023	Elementary Statistics for Business and Economics (A)	
Hours Subtotal		43
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112	Human Sciences First-Year Seminar	2
or HS 3112	Human Sciences First-Year Seminar for Transfer Students	

HDFS 2113	Lifespan Human Development (S)	3
<i>Nutritional Sciences</i>		
NSCI 3011	Nutrition and Evidence-based Practice I	1
NSCI 3021	Nutrition and Evidence-based Practice II	1
NSCI 4021	Nutrition and Evidence-based Practice III	1
Hours Subtotal		8
Major Requirements		
2.50 GPA is required for Major Requirements		
NSCI 2211	Professional Careers in Dietetics	1
NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 3133	Science of Food Preparation	3
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3440	Nutritional Sciences Pre-Professional Experience (1 hour)	1
NSCI 3543	Food and the Human Environment (IS)	3
NSCI 3813	Nutrition Assessment and Counseling Skills	3
NSCI 4111	Professional Preparation for Careers in Dietetics	1
NSCI 4123	Human Nutrition and Metabolism I	3
NSCI 4143	Human Nutrition and Metabolism II	3
NSCI 4331	Quantity Food Production Practicum	1
NSCI 4573	Management in Dietetics	3
NSCI 4632	Community Nutrition I	2
NSCI 4633	Community Nutrition II	3
NSCI 4854	Medical Nutrition Therapy I	4
NSCI 4864	Medical Nutrition Therapy II	4
ACCT 2103	Financial Accounting	3
or ACCT 2003	Survey of Accounting	
BIOC 3653	Survey of Biochemistry	3
BIOL 3204	Physiology	4
CHEM 3015		5
HHP 2802	Medical Terminology for the Health Professions	2
HTM 1113	Fundamentals of Culinary Production	3
HTM 2021	Food Safety and Sanitation	1
HTM 3213	Hospitality and Tourism Management and Organizations	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
Hours Subtotal		71
Total Hours		122

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 2190, Chicago, IL 60606-6995, 312/899-0040, Ext. 5400.

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.
- 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 2026.

Nutritional Sciences: Human Nutrition/Pre-Medical Sciences, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
Recommended:		
PHIL 3833 or PHIL 4013	Biomedical Ethics (H) Perspectives on Death and Dying (H)	
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
Recommended:		
SOC 1113	Introductory Sociology (S)	
<i>Additional General Education</i>		
MATH 1613 or MATH 1813	Trigonometry (A) Preparation for Calculus (A)	3
PHYS 1114 or PHYS 2014	College Physics I (LN) University Physics I (LN)	4
SPCH 2713 or SPCH 3723	Introduction to Speech Communication (S) Business and Professional Communication	3
Hours Subtotal		43
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		

At least one International Dimension (I) course

College/Departmental Requirements		
<i>Human Sciences</i>		
HS 1112 or HS 3112	Human Sciences First-Year Seminar Human Sciences First-Year Seminar for Transfer Students	2
HDFS 2113	Lifespan Human Development (S)	3
<i>Nutritional Sciences</i>		
NSCI 3011	Nutrition and Evidence-based Practice I	1
NSCI 3021	Nutrition and Evidence-based Practice II	1
NSCI 4021	Nutrition and Evidence-based Practice III	1
Hours Subtotal		8
Major Requirements		
2.50 GPA is required for Major Requirements		
NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3440	Nutritional Sciences Pre-Professional Experience (1 hour)	1
NSCI 3543	Food and the Human Environment (IS)	3
NSCI 4023	Nutrition in the Pathophysiology of Chronic Disease	3
NSCI 4123	Human Nutrition and Metabolism I	3
NSCI 4143	Human Nutrition and Metabolism II	3
BIOC 3653	Survey of Biochemistry	3
BIOL 1114	Introductory Biology (LN)	4
BIOL 3023 or ANSI 3423	General Genetics Animal Genetics	3
BIOL 3204	Physiology	4
BIOL 3214	Human Anatomy	4
CHEM 3053	Organic Chemistry I	3
CHEM 3112	Organic Chemistry Laboratory	2
CHEM 3153	Organic Chemistry II	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2
MICR 3033	Cell and Molecular Biology	3
STAT 2013	Elementary Statistics (A)	3
PHYS 1214 or PHYS 2114	College Physics II (LN) University Physics II (LN)	4
PSYC 1113	Introductory Psychology (S)	3
UNIV 2511	Introduction to Health Careers	1
UNIV 3511	Health Profession School Preparation	1
Select 3 hours of preprofessional/prehealth controlled electives to total 69 hours of major requirements		3
Hours Subtotal		69
Total Hours		120

Students with AP or CLEP credit must talk to advisors.

One writing-intensive English course is recommended for medical school admission. Students are encouraged to select a course with (D,H) designation such as ENGL 2413 Conversations in Literature (DH).

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.

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.

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 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 2026.

Nutritional Sciences: Public Health Nutrition, BSHS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513 or MATH 1613 or MATH 1813	College Algebra (A) Trigonometry (A) Preparation for Calculus (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1215 or CHEM 1314	Chemical Principles I (LN) Chemistry I (LN)	4
CHEM 1225 or CHEM 1515	Chemical Principles II (LN) Chemistry II (LN)	5
<i>Social & Behavioral Sciences (S)</i>		
SOC 1113	Introductory Sociology (S)	3
<i>Additional General Education</i>		
BIOL 1114	Introductory Biology (LN)	4
SPCH 2713 or SPCH 3723	Introduction to Speech Communication (S) Business and Professional Communication	3
STAT 2013 or STAT 2023	Elementary Statistics (A) Elementary Statistics for Business and Economics (A)	3
Hours Subtotal		43
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
At least one Diversity (D) course		
At least one International Dimension (I) course		
College/Departmental Requirements		

Human Sciences

HS 1112 or HS 3112	Human Sciences First-Year Seminar Human Sciences First-Year Seminar for Transfer Students	2
HDFS 2113	Lifespan Human Development (S)	3

Nutritional Sciences

NSCI 3011	Nutrition and Evidence-based Practice I	1
NSCI 3021	Nutrition and Evidence-based Practice II	1
NSCI 4021	Nutrition and Evidence-based Practice III	1

Hours Subtotal		8
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Major Requirements

2.50 GPA is required for Major Requirements

NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 2311	Introduction to Public Health Nutrition	1
NSCI 2412	Introduction to Nutrition & Food Literacy	2
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3440	Nutritional Sciences Pre-Professional Experience (1 hour)	1
NSCI 3543	Food and the Human Environment (IS)	3
NSCI 3733	Environmental Nutrition	3
NSCI 4123	Human Nutrition and Metabolism I	3
NSCI 4143	Human Nutrition and Metabolism II	3
NSCI 4632	Community Nutrition I	2
NSCI 4633	Community Nutrition II	3
BIOL 3204	Physiology	4
PSYC 1113	Introductory Psychology (S)	3
MICR 2123	Introduction to Microbiology	3
MICR 2132	Introduction to Microbiology Laboratory	2

Emphasis Requirements

Select an emphasis (p. 1458)		29
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Hours Subtotal		69
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Total Hours		120
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Emphasis Nutrition & Education

Code	Title	Hours
Student must declare a minor in Public Health (PH)		
HLTH 2213	Introduction to Public Health	3
HLTH 2603	Total Wellness (S)	3
HLTH 3613	Community Health	3
HLTH 3643	Health Behavior Theory	3
HLTH 4973	Program Design in Public Health	3
HHP 2654	Applied Anatomy	4
HHP 3114	Physiology of Exercise	4
Controlled electives		6

Public Health Nutrition

Code	Title	Hours
ECON 1113	The Economics of Social Issues (S)	3
HHP 2802	Medical Terminology for the Health Professions	2
HLTH 3723	Principles of Epidemiology	3

HTM 2153 or ACCT 2003	Introduction to Hospitality Accounting Survey of Accounting	3
HTM 3213 or MGMT 3013	Hospitality and Tourism Management and Organizations Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
NSCI 3813	Nutrition Assessment and Counseling Skills	3
NSCI 4913	Nutritional Epidemiology	3
Select 6 hours of Controlled Electives from the following:		6
AGCM 3103	Written Communications in Agricultural Sciences and Natural Resources	
BIOL 3123	Human Heredity (N)	
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	
HDFS 3423	Adolescent Development in Family Contexts (S)	
HDFS 4543	Intergenerational Relationships (S)	
HDFS 4813	Dying, Death and Bereavement	
HDFS 4823	Aging Concepts and Controversies	
HLTH 3913	Alcohol and Drug Education	
MGMT 3313	Human Resource Management	
MICR 3103	Microbes: Friends or Foes (N)	
NSCI 4133	Nutrition for Exercise and Sport	
PHIL 3833	Biomedical Ethics (H)	
PHIL 4013	Perspectives on Death and Dying (H)	

- 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 2026.

Public Health Premed

Code	Title	Hours
BIOC 3653	Survey of Biochemistry	3
BIOL 3023	General Genetics	3
BIOL 3214	Human Anatomy	4
CHEM 3053	Organic Chemistry I	3
CHEM 3153	Organic Chemistry II	3
CHEM 3112	Organic Chemistry Laboratory	2
MICR 3033	Cell and Molecular Biology	3
PHYS 1114	College Physics I (LN)	4
PHYS 1214	College Physics II (LN)	4

Note: Care must be taken not to include credit hours twice under different sections of the degree sheet.

Ensure that enough upper-division controlled electives are taken to meet the 40 hour upper-division Regents requirement.

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.

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.

Professional Education Unit

Officers of the Professional Education Council

Robin Fuxa, PhD—Director of Professional Education

The Professional Education Unit coordinates all Professional Education programs offered at Oklahoma State University. All programs are operated in collaboration with the College of Education and Human Sciences, the Ferguson College of Agriculture, the College of Arts and Sciences, and the Graduate College. The Director of the Professional Education Unit (PEU) is the head of the unit. The Professional Education Council has been established as the governance and oversight structure for the Professional Education Unit. The Unit has a mission statement, goals and a strategic plan that guide the operation of its programs.

Professional Education Unit Core Values

The underlying structure of the unit is articulated through its conceptual framework that guides the direction of programs, teaching practices, candidate performance, faculty scholarship, and service. The core values of the conceptual framework emphasize leadership, ethics and professionalism, academics and professional roles, diversity and service orientation/community outreach (L.E.A.D.S.).

Leadership

The PEU prepares candidates who are committed to the belief that professional educators who provide quality education are the foundation of a prosperous and democratic society.

Ethics and Professionalism

The PEU prepares candidates who demonstrate ethical and professional behavior in their interactions with students, families, colleagues and communities and practice social justice.

Academic and Professional Roles

The PEU provides opportunities to prepare knowledgeable candidates who reflect upon the connections between academics and their professional roles.

Diversity

PEU prepares candidates who believe everyone deserves the opportunity to learn and can learn; they possess knowledge, skills, and dispositions to serve as effective professionals who understand and meet the needs of a diverse society. See Professional Education Diversity policy for more information: <https://education.okstate.edu/peu/diversity.html> (https://education.okstate.edu/site-files/im-files/peu/peu_policy_statements.pdf).

Service Orientation/Community Outreach

The PEU prepares candidates who value and engage in service and meaningful involvement of the learner/client and their families, as well as their school and their community.

All Professional Education programs are administered by the Director of Professional Education and are coordinated through the Office of Professional Education. Upon completion of an approved program or degree, passing the appropriate Certification Examinations for Oklahoma Educators (CEOE), and the recommendation of the University, the

candidate will be eligible for certification to serve in Oklahoma schools. All candidates completing an approved program or applying for an initial or advanced certificate are subject to all rules and regulations specified by the OSU Professional Education Unit, the Oklahoma State Board of Education, and the Office of Educational Quality and Accountability (OEQA). State-mandated changes in teacher certification may result in additional requirements for certification at any time.

Certification programs are offered at various levels in the College of Education and Human Sciences as well as in the Ferguson College of Agriculture, and the College of Arts and Sciences, but all require earning at least a bachelor's degree for recommendation for a standard certificate. Each candidate (regardless of level or college) seeking recommendation for certification from OSU through a Professional Education program must make formal application to do so using the "Application for Admission to Professional Education" and must meet the admission standards specified. Graduate programs leading to the master's degree, the education specialist degree, and both the Doctor of Education and the Doctor of Philosophy degrees are offered in several areas. In addition, we offer pathways for non-traditional routes to certification in some certification areas. Professional Education at Oklahoma State University is fully accredited by the state and NCATE (legacy) with our next regular Council for the Accreditation of Educator Preparation (CAEP - the accrediting body that replaced NCATE) accreditation visit schedule for Spring 2022.

Information regarding all Professional Education policies and practices may be obtained from the Office of Professional Education or the Professional Education website. Inquiries concerning any aspect of Professional Education programs at Oklahoma State University should be addressed to the head of the School or Department offering the program or the Office of Professional Education, 325 Willard.

The Unit prepares educator candidates with the knowledge, skills, and dispositions for a wide range of certification and teaching areas. Further, there is currently an immense demand for educators in Oklahoma, nationally, and internationally; our graduates are comprehensively prepared to serve as educator and equity advocates wherever they put their professional preparation to work.

Undergraduate Initial Teaching Certification Programs

Elementary Level (PK-8) Programs

Early Childhood Education (PK-3)
Elementary Education (1-8)

Elementary/Secondary Level (PK-12) Programs

Art Education
Foreign Language (French, German, Spanish) Education
Music (Instrumental, Vocal) Education
Physical Education/Health/Safety

Secondary Level Programs

Agriculture Education
Secondary English Education
Secondary Mathematics Education
Secondary Science Education
Secondary Social Studies Education
Family and Consumer Sciences Education

Graduate Initial Teaching Certification Programs

Masters of Arts in Teaching

Elementary Education option
Science Education option

Advanced Level Certification Programs

Elementary Math Specialist
Principal (Elementary/Middle/Secondary) - Standard
Reading Specialist
School Counselor
School Library Media Specialist
School Psychologist
Speech/Language Pathologist
Superintendent

Non-Traditional Certification Paths

Principal (Elementary/Middle/Secondary) - Alternative

Professional Education Dispositions

Professional Dispositions are formally assessed a minimum of twice during your academic program, once early during the program and once later in the program (see program coordinator for info on which courses they've identified for this). However, dispositions affect your professional life in and out of school, and we want to be certain you're well prepared to have a successful tenure as an educator.

With that in mind, dispositions may be addressed and recorded at any point in your program, whether a formal or informal interaction and whether interacting with a peer, staff member, or faculty member. We believe it's vital to celebrate your successes as well as speak with you about areas that could raise challenges for you as a professional, and this is why we have this guiding document as a starting place to be able to work with you on your professional dispositions.

Dispositional concerns are often a reason candidates are not successful. Please know that if faculty or staff members speak with you about your dispositions, they are doing so because they want you to be successful. As someone in a professional program, however, it is also important to be aware that dispositional challenges may affect your ability to be placed for field experiences or clinical practice; placements are not guaranteed.

Candidates who are not successful will be provided guidance tailored to them, and except in egregious cases or when problems persist over time, candidates who encounter dispositional challenges generally go on to be successful educators. Do not be alarmed at constructive feedback over the course of your program, as this is a learning environment. This assessment offers an opportunity to learn more about your own dispositions and grow in that aspect of your preparation as an education professional. To view the assessment rubric, visit our website: https://education.okstate.edu/sites/default/files/peu/peu_dispositions_assessment.pdf.

Admission to Professional Education

The criteria for admission to Professional Education programs are based on university-wide and Oklahoma State Regents for Higher Education (OSRHE) policies approved by the Professional Education Council and overseen by the Director of Professional Education. Requirements are applicable to all Professional Education administrative units of the

colleges preparing educators. Students should submit an Application for Admission to Professional Education form to the Professional Education Unit during their first semester in their respective programs. The candidate is not considered a fully-eligible participant in a Professional Education program until formally admitted to the Professional Education Unit. Full admission is required to enroll in the restricted courses in teaching methods and the clinical practice internship.

Criteria for Admission to Undergraduate Professional Education Programs

The student must meet all of the following criteria to be fully admitted to Professional Education:

1. Orientation to Professional Education Course and Field Experiences. An appropriate orientation to Professional Education course must be completed with a grade of "C" or better. One semester credit hour of early field experiences must be completed with a grade of "C" or better or grade of "P"
2. Basic Skills Competency. Basic skills competency must be demonstrated by successful completion of the Oklahoma General Education Test (OGET) *or* an ACT composite score of 22 with the writing section included, *or* an SAT total score of 1120 including the following scores on the essay section: five (5) on Reading, four (4) on Analysis, and five (5) on Writing.
3. Minimum cumulative overall GPA of 2.50 or higher as specified by the individual program. The minimum cumulative overall GPA must be earned based on no fewer than 40 credit hours of courses to include lower-division general education requirements as specified in the student's program.

Criteria for Admission to Graduate (Post-Baccalaureate) Professional Education Programs

Graduate (post-baccalaureate) students must complete the Application for Admission to Professional Education form. Post-baccalaureate candidates must meet one of the following criteria for full admission to Professional Education:

1. The student must have completed an approved Professional Education program and hold a valid Oklahoma certificate or Provisional, Standard, or Professional Certificate; or a valid certificate from a state with which the Oklahoma State Department of Education has an interstate contract. The certificate or Provisional, Standard, or Professional Certificate must have included successful completion of (a) one semester credit hour of early field experiences with a grade of "C" or better or a grade of "P" and (b) an orientation to professional education course with a grade of "C" or better or a grade of "P". If the graduate student does not hold a valid credential and did not successfully complete the criteria listed above, he or she must meet 2 or 3.
2. Students in a Master's program must satisfy the departmental requirements for unqualified admission to the Master's degree program:
 - a. have a minimum cumulative overall GPA of at least 2.50 or higher as specified by the individual program;
 - b. complete one semester credit hour of early field experiences with a grade of "C" or better or a grade of "P"; and
 - c. complete an orientation to Professional Education course with a grade of "C" or better or a grade of "P"; and

- d. receive a passing score on the OGET *or* an ACT composite score of 22 with the writing section included, *or* an SAT total score of 1120 including the following scores on the essay section: five (5) on Reading, four (4) on Analysis, and five (5) on Writing.
3. Students classified by the Graduate College as "special" or "provisionally admitted" must:
 - a. have a minimum cumulative overall GPA of at least 2.50 or higher as specified by the individual program; and
 - b. complete one semester credit hour of early field experiences and an orientation to Professional Education course with a grade of "C" or better or a grade of "F" and
 - c. receive a passing score on the OGET *or* an ACT composite score of 22 with the writing section included, *or* an SAT total score of 1120 including the following scores on the essay section: five (5) on Reading, four (4) on Analysis, and five (5) on Writing.

Professional Portfolio

Candidates in Professional Education are required to submit a professional portfolio for review and approval at designated checkpoints prior to certification. Details of the portfolio are available in the Professional Education Student Handbook (<http://education.okstate.edu/peu>).

Transfer Students

Transfer students must work toward meeting the criteria for full admission to Professional Education established by Oklahoma State University as soon as possible during the first semester at OSU. It may be possible to transfer admission from another Oklahoma institution. For information see the OSU site <http://education.okstate.edu/peu> (<http://education.okstate.edu/peu/>) or contact the Office of Professional Education.

Retention in Professional Education

For participation in all courses requiring full admission to and for continued acceptability in the Professional Education unit, an undergraduate candidate must maintain a grade-point average required for graduation of at least 2.50 or 2.75 depending on the program. If this GPA falls below 2.50/2.75, the candidate is placed on probation. When the required graduation GPA is raised above 2.50/2.75, the candidate is removed from probation. If the candidate fails to meet the graduation GPA requirement in that probationary semester or fails to have at least a 2.50/2.75 GPA for that semester, the candidate will be suspended from the Professional Education Unit. A candidate not satisfying the probation requirements at the end of the semester following the initial probationary semester will be administratively withdrawn from the Professional Education Unit and all courses having full admission as a prerequisite. Readmission to the Professional Education Unit will require a new application. Advisors are available to assist the candidate in regularly reviewing continuing retention or reinstatement in Professional Education programs. A retention review prior to enrollment and again prior to the beginning of classes each semester is encouraged when continuing retention is in question.

Graduate students, including those classified as graduate special students, admitted to the Professional Education unit must meet and maintain the requirements of the Graduate College to remain in good academic standing. This will require that graduate candidates earn and maintain a 3.00 GPA at Oklahoma State University following admission to Professional Education.

Remediation Opportunities

It is important for candidates to recognize the importance of milestones (admission requirements, testing, portfolio, etc.), professionalism, and dispositions as non-negotiable requirements in Oklahoma State Statutes and national accreditation requirements. Program area faculty, advisors, and PEU staff are available to assist candidates through remediation opportunities as needed.

Foreign Language Proficiency

Candidates in Professional Education programs are required to document competency in a foreign language at the novice high-level. The OSU Professional Education Council has established the following options through which a student may attain documented novice-high competency:

1. The candidate who wishes to be tested in a language may choose, at personal expense, to successfully complete the Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages.
2. The candidate may complete two years of high school coursework in a single foreign language with grades of "B" or better (from a State Department of Education approved high school program).
3. The candidate may complete three or more credit hours (or transcribed equivalent), in a single foreign language from an accredited college or university with a grade of "C" or better.
4. The candidate may successfully complete an equivalent College-Level Examination Program (CLEP) in a foreign language.
5. The candidate may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.
6. Candidates whose native language is other than English may document proficiency in English with a score of 550 or more on the Test of English as a Foreign Language.

Program Completers

In Oklahoma, a program completer is defined as a person who has met all the requirements of an accredited educator preparation program. Program completers include all those who are documented as having met such requirements. OSU requirements include a degree, program credentials as documented on a transcript and written proof of having met the program's requirements which include successful completion of all certification examinations/assessments and a professional portfolio. State or national certification or accreditation requirements may necessitate changes in certification requirements at any time. The certification check sheets are available at <http://education.okstate.edu/peu/certification> (<http://education.okstate.edu/peu/certification/>) and detail requirements for each certification area.

Background Check for Field Placements

In alignment with Oklahoma state statutes and administrative code (OS §70-6-190, OS §70-3-104, OAC 210:20-9-98), the Oklahoma State University (OSU) Professional Education Unit (PEU) requires a state level background check (name check) on ALL non-certified candidates prior to placement in any field experience or clinical practice. The candidate is responsible for associated fees, which may vary depending on in-state or out-of-state student status. The PEU may request an updated background check as needed. While we make every effort to place candidates in the best possible field experience or clinical practice situation, school

districts do review background checks and past criminal history in terms of their own policies and may decline hosting a particular candidate for field experiences or clinical practice. (In most cases this would be an Oklahoma check, however, in the case of an out-of-state transfer student it could be a check from their originating state.) This process is facilitated by the Office of Professional Education (325 Willard).

Field Experiences/Clinical Practice Placement in Diverse Setting

As part of a land-grant institution, we are particularly proud of partnering with Oklahoma public schools. Candidates will experience diverse placements in a variety of settings (rural, urban, and suburban), in varied school community socio-economics, and in racially and ethnically diverse school communities. Previous clinical/field experiences will be considered when determining the internship placement. See the Professional Education Diversity Statement for clarification: <http://education.okstate.edu/peu/diversity> (<http://education.okstate.edu/peu/diversity/>).

Data on all field experience and clinical practice placements is maintained by the Professional Education Unit and Assistant Director of Assessment. Initial and Advanced certification programs work directly with the Coordinator of Field Experiences and Clinical Practice to best serve candidates and our partnering school districts with research-based experiences. Placements are based on the following criteria:

1. OSU must have a contractual agreement with the participating school district,
2. the principal and the mentor teacher/educator must be in agreement about the placement,
3. the mentor teacher/educator must meet established criteria to work with a candidate,
4. a qualified OSU supervisor must be available for travel to that site, and
5. a program faculty recommendation for clinical practice is required (based on academics, field experiences, and dispositions).

Clinical Practice Requirements

In order to participate in clinical practice, all teacher candidates must complete the Clinical Practice Internship Application during the prior semester. Clinical practice information including the Clinical Practice Application link is available in the PEU Student Handbook. Details and the deadline for the clinical practice application will be provided at the mandatory Intent to Student Teach meeting held each semester. Typically, these are the first Wednesday of September at 5pm (for Spring interns) and the first Wednesday of February at 5pm (for Fall interns); location and any schedule changes will be provided by email.

Candidates must successfully complete submissions 1 and 2 of the portfolio, pass the OGET and have received a score on the OSAT, and complete all required coursework with the specified GPAs before a placement will be sought. Candidates will be notified by e-mail of their placements after the Professional Education staff has received confirmation from the cooperating schools.

Candidates should not meet with teachers or principals or otherwise attempt to establish their own placement. The following guidelines should be considered when listing your placement preferences in the space provided on the application:

- Public Schools: All internships occur in public schools.
- Placement Settings: Candidates are placed in a variety of settings (rural, urban, and suburban), in a variety of school community socio-economics, and in racially and ethnically diverse school communities. Previous clinical/field experiences will be considered when determining the internship placement.
- Professional Experiences: Candidates will be placed in a location where professional experiences can develop. You will not be placed in a school where your children attend, a relative is employed, or you have developed personal relationships. In addition, candidates will likely not be placed in a school system they attended.
- Finances: Finances cannot be considered when determining the internship placement.
- Out of Area/State Placements: Out-of-area/out-of-state placements are rare and only granted in extenuating circumstances. To request an out-of-area/out-of-state placement, refer to the policy on the OSU Professional Education website. Note that the intern must appeal to the Field Experiences Committee for consideration, and, if granted, the intern bears all financial responsibility associated with placement, travel to on-campus meetings, and supervision and fees charged by a cooperating institution. Some programs facilitate international student teaching; check with your program for details.

NOTE: Check with your program area for information about any additional placement requirements for your certification area prior to completing your application.

Criteria for clinical practice placement for all Professional Education candidates:

1. Continued full admission to a program in the Professional Education unit (see "Retention in Professional Education" on the previous page);
2. A current overall grade-point average of at least 2.50 or higher as specified by the program;
3. A grade-point average of at least 2.50 or higher as specified by the program in courses listed on the current approved program for certification in the areas of professional core, major and college/departmental requirements. No grade lower than a "C" or a "P" in either of these areas;
4. Completion of all professional education course work that includes at least one course in social foundations, all early field experiences (60 clock hours minimum in diverse settings), exceptional learners, and human growth and development, with no grade lower than "C" or "P" in any of these courses. It is recommended that all professional sequence coursework be completed.
5. Successful completion of submission I and II requirements for the Professional Education Program portfolio. The exact submission dates for portfolio are set by the Professional Education Unit in collaboration with programs. Portfolios should contain the materials listed in the Portfolio Handbook (<http://education.okstate.edu/peu/portfolio>) for the pre-internship submission and any additional items required by a specific program.
6. Must have taken and received a score on the appropriate subject area test (OSAT) for certification.
7. Must be recommended for clinical practice by program faculty.

Required Grades in Clinical Practice

A candidate must receive grades of "P" in all sections of clinical practice in order to be recommended for a teaching certificate. A candidate assigned a grade of "F" in any section of clinical practice will not qualify for a recommendation for any level of certification.

Placements in clinical practice are made based on program faculty recommendation, availability of a qualified cooperating teacher, school district and site preferences, availability of a university supervisor, and candidate request. Candidates do not contact schools to secure their own placements. Candidates will not be placed in a school where a relative(s) attends or is employed or where the candidate has developed personal relationships with teachers or administration. In addition, candidates will not be placed in the school system from which they graduated. Finances cannot be considered when determining the internship placement. As a general rule, interns are placed within an approximate 75-mile radius of Stillwater.

Out-of-Area/Out-of-State Placements

A candidate requesting an out-of-area/out-of-state placement due to extenuating circumstances or seeking an assignment that provides exceptional professional experiences that would not be afforded by a local placement must submit a written request and receive the approval of the degree program area coordinator, the unit head and the PEU Field Experiences Committee (application available here: <https://education.okstate.edu/peu/field.html>). Securing placements and supervision are the responsibility of the Office of Field Experiences and Clinical Practice and the program area coordinator.

Candidates granted an out-of-area/out-of-state placement must meet all clinical practice deadlines and requirements, including attendance of on-campus meetings and are required to pay the following fees:

1. All necessary and appropriate fees required in securing and finalizing the placement (e.g., such as reimbursement for cooperating teacher, supervisor, etc.). These fees are payable to the Office of Professional Education or designated office and/or out-of-state university at the beginning of the semester in which the placement is sought.
2. If a recommendation for certification is to be made by Oklahoma State University, the candidate is responsible for reimbursing visits performed by the cooperating institution. All other criteria pertaining to in-state clinical practice placements apply as previously stated.
3. OSU fees - A non-refundable administrative fee to cover time and extra work related to securing an out-of-area placement may be assessed when an approved request is submitted to the Clinical Practices office. The fee is due upon approval of the requested out-of-state or out-of-area placement.
4. Supervising teacher fees - The out-of-area/out-of-state supervising fee is determined by each supervisor, the out-of-area/out-of-state university, and the Field Experience and Clinical Practices Office and typically ranges from \$400 to \$800 to cover the expenses incurred to conduct the required observations and student teaching evaluations. Students are responsible for all costs related to their out-of-area/out-of-state supervision. The fee is to be paid to Office of Professional Education, who will then pay the supervisor.
5. Cooperating teacher fees - Whereas local cooperating teachers are compensated with tuition vouchers, an out-of-area/out-of-state cooperating teacher may not benefit from such compensation.

6. Additional fees - The local (out-of-area/out-of-state) cooperating university may require a fee for supervision for a student not enrolled in their university.

Exceptions to this policy are permitted for students who are enrolled in programs that have a specific out-of-area/out-of-state placement policy and for students who participate in special placements abroad.

Qualifications for consideration of out-of-state/out-of-area placement request:

1. Minimum cumulative 3.0 GPA and 3.0 GPA in content/certification area classes.
2. Successful interview with Program Area Coordinator presenting your request for an out-of-area placement.
3. Recommendation from Program Area faculty.
4. Approval of the PEC Field Experiences Committee.
5. Agreement from local (out-of-area/out-of-state) university to supervise the student teacher.
6. Availability and willingness of qualified university-affiliated supervisor to observe and evaluate student teacher.
7. A memorandum of understanding signed by the student, the Program Area Coordinator, and the PEU or Program Representative must be on file prior to the request for placement being sent to the school district. The out-of-area/out-of-state university may require additional signed documentation.

The Internship Experience

The clinical practice intern is supported by their student teaching course instructor, the assigned OSU Supervisor and Mentor/Cooperating Teacher and the School Principal. Mentor Teachers and OSU Supervisors are asked to complete training in co-teaching prior to the experience, and training must be renewed at least every five years. If needed during the internship, the problem-solving process includes the support team above as well as Professional Education Unit representatives. The Memorandum of Understanding candidates sign at the application stage signifies their understanding of conduct to be followed during the internship. A breach in this agreement can result in removal from the internship.

Insurance

Neither school districts nor OSU insure candidates during the internship; candidates are responsible for carrying their own insurance of any type that may apply. Candidates are strongly encouraged to obtain professional liability insurance. Candidates are encouraged to consider student membership of the Oklahoma Aspiring Educators Association (the student membership for the Oklahoma Educators Association – OEA) or the Professional Oklahoma Educators (POE), which typically both provide liability insurance to student members.

Outside Activities/Classes during the Clinical Practice Internship

The clinical practice internship experience is considered the beginning of your professional career and your energies should be directed toward making the most of your professional assignment. Therefore, taking coursework other than the internship courses is not advised during your internship. Employment, while not prohibited, can be a significant challenge for interns, particularly depending upon the number of hours and the flexibility (or lack thereof) of your schedule. However, we recognize that employment is a necessity in many cases. If you must have outside employment or have other significant commitments such as

parenting, caring for an elderly or ill relative, etc., please be sure to speak with your Professional Education placement staff member to strategize ways to navigate these life/work demands *and* have a highly successful internship experience.

Appeals

By enrolling in Professional Education programs at Oklahoma State University, students accept the responsibility for complying with all applicable Professional Education Council policies and procedures that allow them to maintain good academic standing. If the student believes that the established policies of the Professional Education Council have not been fairly or consistently followed, he/she has the right to pursue an appeal.

Certification Examinations/Assessments for Oklahoma Educators

All candidates who graduate or are seeking recommendation for certification from a Professional Education program are required to complete the Certification Examinations for Oklahoma Educators before a license or area of certification can be issued. The examinations, which include a general education test, subject area tests, and a professional teaching exam (OGET, OSAT), are administered by the Evaluation Systems, Pearson for the Office of Educational Quality and Accountability. Registration materials are available online at www.ceoe.nesinc.com (<http://www.ceoe.nesinc.com>). Information on the Praxis Performance Assessment for Teachers (PPAT) is available here <https://www.ets.org/ppa/test-takers/teachers/about> (<https://www.ets.org/ppa/test-takers/teachers/about/>); candidates should take care that they do *not* register for the PPAT prior to their final internship semester, however.

Copies of the test competencies and study guides for the Oklahoma Teacher Certification Testing Program are available on the Pearson Education, Inc., website at www.ceoe.nesinc.com (<http://www.ceoe.nesinc.com>) and for the PPAT at <https://www.ets.org/ppa/test-takers/teachers/prepare> (<https://www.ets.org/ppa/test-takers/teachers/prepare/>).

Teacher candidates must successfully complete the OGET [*or* an ACT composite score of 22 with the writing section included, *or* an SAT total score of 1120 including the following scores on the essay section: five (5) on Reading, four (4) on Analysis, and five (5) on Writing] prior to admission to Professional Education; receive a score on the OSAT prior to student teaching placement, and pass the PPAT (during the final internship semester) prior to a certification. Note: If the OSAT was not passed prior to internship, it must also be passed prior to certification.

Recommendations for Certificate, or Additional Certification Areas

Application information for an Oklahoma certificate can be obtained in the Office of Professional Education, 325 Willard. Candidates seeking advisement concerning teacher certificates can be assisted by a Coordinator in the Office of Professional Education.

Effective May 31, 2001, Title 68 O.S. 238.1 requires all certificate holders be in compliance with Oklahoma state income tax laws before a teaching certificate can be obtained or renewed.

Effective November 1, 2001, Oklahoma Statute 70 O.S. 6-190 requires applicants for initial Oklahoma teacher certification to have a full federal fingerprint-based background clearance.

To receive Oklahoma State University's in-state or out-of-state certification "Recommendation" or "Verification" of program completion, the applicant must:

- be admitted and maintain admission to OSU's Professional Education Unit;
- complete the appropriate level of degree;
- meet the Foreign Language Proficiency Requirement;
- meet the Computer Proficiency Requirement;
- complete the required courses with the required grades and grade-point averages;
- have confirmation of the final clearance of all three portfolio submissions;
- pass the required Certification Examinations for Oklahoma Educators for Oklahoma certification and Praxis Performance Assessment for Teachers; and
- successfully complete all other required assessments such as the legal issues quiz and the trauma-informed pedagogy quiz, and
- complete the state's application for certification.

Unless the applicant has successfully completed all of the above, Oklahoma State University will not make a recommendation or verify program completion for an in-state or out-of-state certificate.

A candidate assigned the grade of "F" in any section of clinical practice will not qualify for a recommendation for a license or any level of certification. Requirements for certification and degrees are not necessarily the same thing. Candidates must meet all other certification requirements, including portfolio and foreign language proficiency if appropriate.

School of Community Health Sciences, Counseling and Counseling Psychology

Dr. Julie M. Koch—School Head

The School of Community Health Sciences, Counseling and Counseling Psychology encompasses undergraduate and graduate academic programs in health education and promotion, mental health counseling, counseling psychology, school counseling and nursing. The School seeks to fulfill the traditional functions of teaching, research, outreach and public service that are consistent with the mission of Oklahoma State University. The mission is to foster the development, integration and application of knowledge, theory, skills and experiences to promote social, physical, psychological, educational and environmental health. Consistent with the goals of the University's Professional Education Council's Core Concepts and Goals Statement, faculty strives to demonstrate and perpetuate teaching based on theory and research-driven educational practices.

Course Prefixes

Courses that support counseling and counseling psychology are listed in the Catalog under the CPSY prefix. Courses in health education and promotion are listed under the HLTH prefix. Courses in nursing are listed under the NURS prefix.

Health

Bridget M. Miller, PhD—Joan Donelson Jacques Endowed Professor of Health Promotion and Program Coordinator

The health education and promotion program prepares students to provide preventive services in a community, corporate, or clinical setting. Students can choose between two program options: (1) Exercise and Health; or (2) Public Health. Students culminate their degree requirements with a semester-long internship during their final semester. Upon completion of their undergraduate degree, many students continue graduate study in academic fields like Public Health, Physical Therapy, Athletic Training, Exercise Science, or Medicine. This degree track also prepares students for credentialing opportunities such as the Certified Health Education Specialist (CHES) exam and certifications offered through the American College of Sports Medicine (ACSM).

BSN Nursing

Mary Malaska, DNP, RNC, CNE—Assistant Professor and Director

The RN to BSN program is an online baccalaureate degree program designed for individuals who have obtained Registered Nurse licensure and have successfully completed either an accredited associate's degree or diploma program. The program is designed for working adult learners and focuses on health and wellness.

Counseling and Counseling Psychology

Valerie McGaha, PhD—Associate Professor and Area Coordinator

The counseling and counseling psychology program areas offer graduate programs in mental health counseling and school counseling leading to the MS degree in counseling as well as a PhD degree in educational psychology, with an option in counseling psychology.

Programs/Areas of Emphasis Degrees

Degrees offered through the School of Community Health Sciences, Counseling and Counseling Psychology programs include Bachelor of Science (BS), Master of Science (MS), Education Specialist (EdS), Doctor of Education (EdD) and Doctor of Philosophy (PhD).

Counseling/Counseling Psychology

- Mental Health Counseling - MS
- School Counseling - MS
- Counseling Psychology - PhD

Community Health Sciences

- Health Education and Promotion - BS
- Nursing - BSN

Health and Human Performance

- Health Education and Promotion - BS, MS, PhD

Undergraduate Programs

- Health Education and Promotion: Exercise and Health, BS (p. 1468)
- Health Education and Promotion: Public Health, BS (p. 1470)
- Nursing: RN to BSN, BS (p. 1472)
- Pre-Counseling (PCOU), Minor (p. 1473)
- Public Health (PH), Minor (p. 1474)

Graduate Programs

The counseling and counseling psychology program areas offer graduate programs in mental health counseling and school counseling leading to the MS degree in counseling as well as a PhD degree in educational psychology with an option in counseling psychology.

Counseling Psychology

Mel Lantz, PhD—Assistant Professor and Training Director

PhD Program

This program is accredited by the American Psychological Association and is based on the scientist-practitioner model of training. The program is designed to prepare students for counseling, consulting, teaching and research roles in various settings such as university counseling centers, academic departments, hospitals, public service settings such as prisons and Veterans Administration Medical Centers, business settings, mental health clinics and community settings. Students are required to follow a specified sequence of study in which academic coursework and practicum experiences are integrated. Students must also complete one year of full-time internship. Application materials for the counseling psychology program are due by December 1st for the following summer or fall enrollment.

Counseling MS

Tonya R. Hammer, PhD—Associate Professor and Program Coordinator

Mental Health Counseling

This program is intended for individuals who wish to serve as professional counselors in a variety of human service and community mental health agencies. Students may choose elective courses in selected areas of specification such as youth counseling, substance

abuse counseling and mental health counseling. The program is designed to meet the academic requirement for licensure as a professional counselor in Oklahoma and the standards set by CACREP for national accreditation. Application materials for this program are due February 1st for the following summer or fall enrollment.

School Counseling

MS Program

This program prepares students to work as counselors in public schools, serving students, teachers and parents. The role of the school counselor is to coordinate the comprehensive school counseling program, focusing on the educational, career, personal and social development of students. Within this comprehensive school counseling program, school counselors provide counseling, consulting, coordinating and appraisal services. The school counseling program is designed to meet the certification requirements for the State of Oklahoma as well as requirements of the Council for Accreditation of Counseling and Related Educational Programs (CACREP). Application materials for this program are due February 1st for the following summer or fall enrollment.

Faculty

Julie M. Koch, PhD—Professor and Head

Professors: Sue C. Jacobs, PhD; John S. C. Romans, PhD; Carrie Winterowd, PhD

Associate Professors: Tonya R. Hammer, PhD; Bridget M. Miller, PhD; Valerie McGaha, PhD

Clinical Associate Professor: Thomas R. Berry, PhD

Assistant Professors: Ho Han, PhD; Melanie Wilcox, PhD; Carlos Mahaffey, PhD; Mary E.W. Malaska, PhD; Kelley E. Rhoads, PhD

Clinical Instructor: Alana K. Cluck, PhD

Clinical Assistant Professor: Sarah Johnson, PhD

Teaching Assistant Professor: Marshan Oliver-Marick, PhD

Health Education and Promotion: Exercise and Health, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.75

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		6
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1215	Chemical Principles I (LN)	4
or CHEM 1314	Chemistry I (LN)	
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
Hours Subtotal		41
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
BCOM 3113	Written Communication	3
ECON 1113	The Economics of Social Issues (S)	3
HHP 3114	Physiology of Exercise	4
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3

MSIS 2103	Business Data Science Technologies	3
or EDTC 4113	Applications of Media and Technology	
NSCI 2114	Principles of Human Nutrition (N)	4
BIOL 3204	Physiology	4

Hours Subtotal 28

Major Requirements

Minimum GPA of 2.75 with a minimum grade of "C" or "P" in each course

Select one of the following courses:

HHP 2654	Applied Anatomy	4
or BIOL 3214	Human Anatomy	
HHP 3223	Motor Learning	3
HHP 3663	Biomechanics	3
HLTH 2213	Introduction to Public Health	3
HLTH 2603	Total Wellness (S)	3
HLTH 3613	Community Health	3
HLTH 3643	Health Behavior Theory	3
HLTH 3723	Principles of Epidemiology	3
HLTH 3913	Alcohol and Drug Education	3
HLTH 4533	Psychosocial Issues in Public Health	3
HLTH 4902	Pre-Internship Seminar	2
HLTH 4973	Program Design in Public Health	3
HLTH 4990	Internship in Public Health: Exercise and Health	12

Select one of the following: 3

HHP 4773	Principles of Exercise Testing and Prescription	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	
HLTH 4783	Health Issues in Gerontology	
NSCI 4133	Nutrition for Exercise and Sport	

Hours Subtotal 51

Total Hours 120

Other Requirements

- 40 hours of upper-division course work.
- Required for enrollment in HLTH 4990 Internship in Public Health: Exercise and Health
 - a. Documentation of current first aid/CPR certification and
 - b. 2.75 GPA in Major Requirements, 2.75 GPA in College/Departmental Requirements, & 2.75 Overall GPA.
- Required for graduation:
 - a. 2.75 Overall GPA;
 - b. 2.75 GPA in College/Departmental Requirements; and
 - c. 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 2026.

Health Education and Promotion: Public Health, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.75

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
Math or STAT course designated (A)		6
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1215	Chemical Principles I (LN)	4
or CHEM 1314	Chemistry I (LN)	
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
Hours Subtotal		41
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
BCOM 3113	Written Communication	3
ECON 1113	The Economics of Social Issues (S)	3
HHP 3114	Physiology of Exercise	4
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3

MSIS 2103	Business Data Science Technologies	3
or EDTC 4113	Applications of Media and Technology	
NSCI 2114	Principles of Human Nutrition (N)	4
BIOL 3204	Physiology	4

Hours Subtotal 28

Major Requirements

Minimum GPA of 2.75 with a minimum grade of "C" or "P" in each course

HHP 2654	Applied Anatomy	4
or BIOL 3214	Human Anatomy	
HLTH 2213	Introduction to Public Health	3
HLTH 2603	Total Wellness (S)	3
HLTH 3613	Community Health	3
HLTH 3623	School Health Programs	3
HLTH 3643	Health Behavior Theory	3
HLTH 3723	Principles of Epidemiology	3
HLTH 3913	Alcohol and Drug Education	3
HLTH 4233	Health and Sexuality (DS)	3
HLTH 4533	Psychosocial Issues in Public Health	3
HLTH 4880	Internship in Public Health: Public Health (12 hours)	12
HLTH 4902	Pre-Internship Seminar	2
HLTH 4973	Program Design in Public Health	3

Select 3 hours of the following: 3

HHP 4773	Principles of Exercise Testing and Prescription	
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	
HLTH 4783	Health Issues in Gerontology	
NSCI 3223	Nutrition Across the Life Span	

Hours Subtotal 51

Total Hours 120

Other Requirements

- 40 hours of upper-division course work.
- Required for enrollment in HLTH 4880 Internship in Public Health: Public Health
 - a. Documentation of current first aid/CPR certification; and
 - b. 2.75 GPA in Major Requirements, 2.75 GPA in College/Departmental Requirements, & 2.75 Overall GPA.
- Required for graduation:
 - a. 2.75 Overall GPA;
 - b. 2.75 GPA in College/Departmental Requirements; and
 - c. 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 2026.

Nursing: RN to BSN, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1215	Chemical Principles I (LN)	4
or CHEM 1314	Chemistry I (LN)	
NSCI 2114	Principles of Human Nutrition (N)	4
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
Hours Subtotal		41
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
MICR 2123	Introduction to Microbiology	5
& MICR 2132	and Introduction to Microbiology Laboratory	
STAT 2013	Elementary Statistics (A)	3
Select 4 hours Human Anatomy		4
Select 4 hours Physiology		4
Hours Subtotal		17

Major Requirements

Minimum GPA of 2.50 with a minimum grade of "C" or "P" in each course.

NURS 3000	Registered Nursing Experience/License (For Associate Degree or Diploma in Nursing + RN License)	30
HLTH 3723	Principles of Epidemiology	3
HLTH 4783	Health Issues in Gerontology	3
NURS 3013	Theoretical and Conceptual Foundations of Nursing	3
NURS 3025	Health Assessment, Wellness and Community Health	5
NURS 3033	Cultural Considerations in Health Care	3
NURS 3033	Cultural Considerations in Health Care	3
NURS 4023	Trends and Issues in Nursing	3
NURS 4034	Leadership and Management in Nursing	4
NURS 4043	Nursing Research and Evidenced-Based Practice	3
NURS 4050	RN-BSN Capstone	2
Hours Subtotal		62
Total Hours		120

Other Requirements

- 40 hours of upper-division course work.
- Required for graduation:
 - 2.50 Overall GPA;
 - 2.50 GPA in College/Departmental Requirements; and
 - 2.50 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 2026.

Pre-Counseling (PCOU), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Julie Koch, Ph.D., School of Community Health Sciences, Counseling and Counseling Psychology, (405) 744-6040

Minimum Overall Grade Point Average: 2.50 with no grade below "C" in all minor courses

Total Hours: 15 hours

Code	Title	Hours
CPSY 3003	Introduction to Counseling and Related Professions	3
CPSY 3013	Introduction to Helping Skills	3
CPSY 3023	Mental Health in Schools and the Community	3
CPSY 4013	Field Experience in Counseling	3
CPSY 4443	Cultural Diversity in Professional Life (D)	3
Total Hours		15

Additional OSU Requirements

Undergraduate Minors

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

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

Public Health (PH), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Bridget Miller, School of Community Health Sciences, Counseling and Counseling Psychology, 427 Willard, 405-744-7680

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 18 hours

Code	Title	Hours
Minor Requirements		
HLTH 2213	Introduction to Public Health	3
HLTH 2603	Total Wellness (S)	3
HLTH 3613	Community Health	3
HLTH 3643	Health Behavior Theory	3
HLTH 4973	Program Design in Public Health	3
Select 3 hours of the following:		3
HLTH 3113	Health Issues in Diverse Populations (D)	
HLTH 3603	Understanding HIV (DS)	
HLTH 3623	School Health Programs	
HLTH 3723	Principles of Epidemiology	
HLTH 3913	Alcohol and Drug Education	
HLTH 4233	Health and Sexuality (DS)	
HLTH 4533	Psychosocial Issues in Public Health	
HLTH 4783	Health Issues in Gerontology	
NSCI 2114	Principles of Human Nutrition (N)	
Total Hours		18

Additional OSU Requirements

Undergraduate Minors

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

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

School of Educational Foundations, Leadership and Aviation

Chad Depperschmidt, EdD—Associate Professor and Interim School Head
Kathy Curry, EdD—Associate Professor and Associate School Head

The School of Educational Foundations, Leadership, and Aviation (SEFLA) offers degrees, options or certificates in the following areas: aviation and space; school administration; educational psychology; educational technology; school library media, online teaching; higher education; college student development; research, evaluation, measurement and statistics; and social foundations. These programs conduct scholarly inquiry and educate professionals in areas foundational to thought and practice in a wide variety of professional roles associated with business and educational and industry settings. Consistent with the goals of OSU's Professional Education Council's Core Concepts and Goals Statement, the faculty strives to demonstrate and perpetuate teaching that is based on theory and research-driven educational practices.

We provide specialized training at the undergraduate and graduate levels yet permit flexibility to enable students to meet individualized goals. General information about undergraduate degrees is offered under the "*University Academic Regulations*" section of the Catalog. General information about graduate degrees may be found in the "*Master's Degree*," "*Certificates*," "*Doctor of Education*," or "*Doctor of Philosophy*" areas of the "*Graduate College*" section of the Catalog.

Financial support is available for research assistantships and for qualified graduate students to assume teaching responsibilities under faculty supervision. Selections for assistantships are made in the spring semester for the following academic year. Interested individuals are encouraged to apply through the SEFLA website.

OSU NASA STEM Education Projects. Susan Stansberry, Professor of Educational Technology is the Principal investigator for the OSU NASA Education Program, NASA STEM Pathway Activities—Consortium for Education (NSPACE).

OSU is the lead institution in activities supporting NASA's goal to improve STEM instruction; increase youth and public engagement in STEM; enhance the STEM experience of undergraduate students; better serve historically underrepresented groups in STEM fields; and design education for a needed STEM workforce. The NSPACE project leverages the skills and expertise of a group of innovative partners, including 13 institutions within the Texas A&M University System, Langston University, OSU's Center for Sovereign Nations, Northern Oklahoma College, the Oklahoma 4-H Foundation, and the Technology for Learning Consortium. NSPACE supports STEM activities at Johnson and other Space Centers for K-12 students, educators, and community college and undergraduate students. NSPACE offers a broad and varied portfolio of opportunities to involve students and educators in hands-on experiences and research applications on Earth, in the air above Earth, and in the microgravity environment of space. Activities are "as only NASA can" and are designed to support NASA Education's goals of strengthening the Nation's future workforce, attracting and retaining students in STEM disciplines, and engaging Americans in NASA's mission. NSPACE's portfolio of 15 STEM Engagement activities (<https://education.okstate.edu/departments-programs/educational-foundations-leadership-aviation/nasa.html>) are available to students of all ages, but primarily at the university level. In the first two years of our five-year cooperative agreement, we have reached over 337,000 students and over 82,000 educators in 51 states and territories. Bringing International Space Station (ISS) downlinks

into classrooms; facilitating high school students' design, prototyping, and manufacturing of hard and soft goods sent to the ISS; challenging college students to design and create spacesuit informatics using AR or to compete in an engineering design challenge; providing internships for students; and facilitating the *Year of Education* on the ISS are just a few of the activities this project supports. Links to all activities and additional project information may be accessed at <https://education.okstate.edu/departments-programs/educational-foundations-leadership-aviation/nasa.html>.

Course Prefixes

Course prefixes in SEFLA include AVED (Aviation Education); EDLE (Educational Leadership - School Administration); EDTC (Educational Technology); EPSY (Educational Psychology); LBSC (Library Science); REMS (Research, Educational Measurements and Statistics); HESA (Higher Education and Student Affairs); and SCFD (Social Foundations).

Aviation and Space Program

Jon Loffi, EdD—Associate Professor and Program Coordinator for Undergraduate Studies (Stillwater)

Timm Bliss, EdD—Professor and Graduate Program Coordinator for Undergraduate Studies (Tulsa and Oklahoma City) and Program Coordinator for Graduate Studies

The Aviation and Space Program prepares students for careers in the aerospace industry. The BS in Aerospace Administration and Operations degree program offers five options: Professional Pilot, Aviation Management, Technical Services Management, Aerospace Security and Aerospace Logistics.

The *Professional Pilot* option prepares students for careers in flight operations in both the general aviation and the air carrier segments of the aviation industry. In addition to high quality aviation-related coursework, the student will attain FAA certifications for Private Pilot, Commercial Pilot-Instrument Rated for both single-engine and multi-engine aircraft and Certified Flight Instructor. The Professional Pilot option is compliant with Title 14 CFR of the Code of Federal Regulations Part 141 and accredited by Aviation Accreditation Board International (AABI).

The *Aviation Management* option prepares students for management positions in the aerospace industry. Employment opportunities include positions with fixed-base operators, air carriers, corporate flight departments, commuter and air taxi operations and a variety of career areas associated with airport operations, manufacturing, maintenance and government aviation and aerospace organizations. The Aviation Management option is accredited by Aviation Accreditation Board International (AABI).

The *Technical Services Management* option builds on an individual's technical experience in aircraft maintenance or avionics to prepare the students for management positions in all segments of the industry. Twenty-five hours of technical training may be credited toward this option if received from an accredited institution.

The *Aerospace Security* option prepares students for careers in homeland defense and aerospace security fields. Employment opportunities include law enforcement, governmental agencies, airports, and private industry that deal with aerospace security operations.

The *Aerospace Logistics* option prepares students to work in the aerospace logistics sector. Employment opportunities include positions with military and civilian maintenance, repair and overhaul (MRO)

facilities worldwide as well as any aerospace organization involved in supply-chain management activities.

The *Aviation and Space Program* has an extensive industry-based management internship program established with aerospace industries, major and regional air carriers and a variety of other companies within the aerospace industry.

OSU is an educator member of the Aviation Accreditation Board International (AABI). The AVED Program is also an institutional member of University Aviation Association (UAA). AVED website (<https://education.okstate.edu/aado/>)

Educational Leadership

Ed Harris, PhD—Professor and Program Coordinator (School Administration)

Educational leadership emphasizes the important role of leadership in all areas of education including PK-12 schools and workforce development. The PhD in Educational Leadership and Policy Studies is offered with options in Educational Administration and Higher Education; the Doctorate in Education (EdD) is offered in School Administration; and the Education Specialist (EdS) in Education has an option in School Administration. The Master of Science degree is offered with an option in School Administration (a 36-hour program designed for those who aspire to the principalship). Students holding a related masters degree and teacher certification may add on principal certification through coursework and institutional recommendation. The program also offers graduate certificate programs in district level leadership, building level leadership, and workforce and adult education. These certificates incorporate courses that partially fulfill superintendent and principal state licensure requirements. Admissions to the graduate programs in Educational Leadership are competitive and based on multiple factors. EDLE website (<https://education.okstate.edu/scad/>)

Educational Technology

Susan Stansberry, PhD—Professor and Program Coordinator

The mission of Oklahoma State University's Educational Technology program is to facilitate the growth of scholars and educational technology professionals through rigorous programs of study that provide exceptional hands-on, collaborative, and innovative learning, research and service experiences and are highly regarded at the international, national, state and university levels. The program website, edtech.okstate.edu (<http://edtech.okstate.edu/>), offers greater detail. Programs/certifications include: MS in Educational Technology with options in Educational Technology and School Library Media, PhD in Education with an option in Educational Technology, Graduate Certificate in Online Teaching, and Certification in School Library Media. This program is also home to the Emerging Technologies and Creativity Research Lab (<https://edtech.okstate.edu/techplayground/>). EDTC website (<http://edtech.okstate.edu>)

Educational Psychology

Mike Yough, PhD—Associate Professor and Program Coordinator

Educational Psychology is the study of human learning, development, and motivation in educational settings. Educational psychologists are concerned with understanding how environments are structured to promote cognitive, personal and social development broadly as well as learning motivation. The role of Educational Psychology is to bring together theory and research from psychology and related disciplines in

order to facilitate healthy human development and effective learning and teaching. Our PhD program is designed to prepare graduates to teach in college or university settings, public education, and/or to do research in university, business, and government settings. The MS program is designed to help students develop the capabilities, knowledge, skills and competencies that prepare them as effective professionals or attractive PhD program applicants. EPSY website (<https://education.okstate.edu/epsy/>)

Research, Evaluation, Measurement and Statistics

Jam Khojasteh, PhD—Associate Professor and Program Coordinator

The Research, Evaluation, Measurement and Statistics program (see website) offers the MS and PhD degrees as options under the MS in Educational Psychology and the PhD in Educational Psychology as well as three graduate certificates: 1) Program Evaluation, 2) Educational & Psychological Measurement, and 3) Statistical Methods & Analysis in Education & Behavioral Sciences. The MS program prepares students to function as staff members in research and evaluation units in school districts, governmental agencies, and private corporations and foundations. Graduates of the doctoral program are prepared to serve as college or university professors, directors of research and evaluation for public schools and universities, researchers for funded projects, state department of education consultants, and professional employees for test publishers and local, state and federal government agencies. This program is also home to the Center for Educational Research and Evaluation (<https://education.okstate.edu/cere/>). REMS website (<https://education.okstate.edu/rems/>)

Higher Education and Student Affairs

Kerri S. Kearney, MBA, EdD—Associate Professor and Program Coordinator

The Higher Education and Student Affairs (HESA) program features three distinct academic degrees. These include the PhD in Educational Leadership and Policy Studies, with an option in Higher Education and the MS in Educational Leadership and Policy Studies with options in Higher Education and College Student Development. The PhD is a research-based degree that prepares individuals for leadership as faculty, administrators, or policy analysts. In addition, two Master of Science degrees are offered. The MS options prepare individuals for leadership positions in all levels in higher education or leadership positions in student affairs. Admission to HESA graduate programs is competitive and based on multiple considerations. HESA website (<https://education.okstate.edu/hesa/>)

Social Foundations

Guoping Zhao, PhD—Professor and Program Coordinator

Social foundations of education is an interdisciplinary study of schooling and other forms of education. Ever since it began during the 1930s at Teachers College of Columbia University, social foundations has brought together scholars who situate education in historical, philosophical, economic and social contexts. Using the tools of the humanities and the social sciences, social foundations scholars ask perennial questions, such as: What is the purpose of schooling in a democracy? What knowledge and values should be taught and to whose benefit? How are issues of race, ethnicity, social class, gender and ability manifested in schools?

Drawing from history, philosophy, sociology, anthropology, international studies and other disciplines to teach their courses, faculty in the social foundations program area ask that educators reflect critically on the social and cultural dynamics in educational settings and how policy and practices might be improved. Students from other human service professions and other disciplines are invited to make similar use of the content of these courses for their professional practice. SCFD website (<https://education.okstate.edu/scfd/>)

Programs/Options Degrees

Degrees offered through SEFLA programs include Bachelor of Science (BS), Master of Science (MS), Education Specialist (EdS), Doctor of Education (EdD) and Doctor of Philosophy (PhD).

Five programs are delivered fully online: MS Aviation and Space, MS Educational Technology, MS Educational Psychology (Educational Psychology option), MS Educational Leadership and Policy Studies (Higher Education option), and Graduate Certificate in Online Teaching.

Aviation and Space

- Aviation and Space – MS
- Aerospace Administration and Operations
 - Professional Pilot – BS
 - Aviation Management – BS
 - Aerospace Security – BS
 - Aerospace Logistics – BS
 - Technical Service Management – BS
- Applied Educational Studies/Aviation and Space Specialization – EdD

Educational Leadership

- Educational Leadership Studies/School Administration – MS
- Education/Educational Administration – EdS
- School Administration – EdD
- Educational Leadership and Policy Studies/Educational Administration – PhD
- Graduate Certificate (GRCT) in Building Level Leadership
- Graduate Certificate (GRCT) in District Level Certificate
- Graduate Certificate (GRCT) in Workforce and Adult Education

Educational Technology

- Educational Technology
 - Educational Technology – MS
 - School Library Media – MS
- Online Teaching – Graduate Certificate
- School Library Certification – Graduate Certificate
- Education/Educational Technology – PhD

Educational Psychology

- Educational Psychology – MS, PhD

Higher Education and Student Affairs

- Educational Leadership Studies
 - Higher Education – MS
 - College Student Development – MS
- Educational Leadership and Policy Studies/Higher Education – PhD

Research, Evaluation, Measurement and Statistics

- Educational Psychology/Research, Evaluation, Measurement and Statistics – MS
- Educational Psychology/Research, Evaluation, Measurement and Statistics – PhD

Social Foundations

- Social Foundations of Education – MA
- PhD in Education/Social Foundations – PhD

Undergraduate Programs

- Aerospace Administration and Operations: Aerospace Security, BS (p. 1484)
- Aerospace Administration and Operations: Aviation Management, BS (p. 1486)
- Aerospace Administration and Operations: Professional Pilot, BS (p. 1488)
- Aerospace Administration and Operations: Technical Service Management, BS (p. 1489)
- Aerospace Administration and Operations: Aerospace Security (AAAS), Minor (p. 1483)
- Aerospace Administration and Operations: Aviation Management (AAAM), Minor (p. 1485)
- Aerospace Administration and Operations: Professional Pilot (AAPP), Minor (p. 1487)
- Creativity Studies (CRST), Minor (p. 1490)
- Learning and Motivation (LEMO), Minor (p. 1491)
- Unmanned Aircraft Pilot (UAP), Minor (p. 1493)

Graduate Programs

Aviation and Space (AVED)

Timm Bliss, EdD—Professor and Program Coordinator for Graduate Studies

MS in Aviation and Space

The Master of Science in the Aviation and Space degree emphasizes aviation/aerospace management and leadership, legal and regulatory issues, aviation economics, airport operations, aerospace executive decision making, and additional content regarding the aviation/aerospace industry and related government programs and missions. Students participating in this program come from a variety of academic and/or professional backgrounds including aviation, military, and government. The scope of this degree program is designed to prepare professional leaders for positions in the aviation/aerospace industry. To be considered for admission to the master's program, students must be admitted to both the OSU graduate college and the AVED program. Applicants are required to provide a statement of personal goals and objectives, two letters of recommendation addressing the applicant's abilities, interest, motivation, etc., and a copy of a current resume/Curriculum vitae. All MS students must complete coursework from research, core requirements, program emphasis, and elective courses to total 33 hours. Master's students must also complete a Creative Component for committee approval.

EdD in Applied Educational Studies/Aviation

The Doctor of Education (EdD) in Applied Educational Studies with the Aviation and Space Specialization emphasizes aviation leadership and executive development, administration of aviation institutions, risk assessment, influencing public policy in the aerospace industry, international aviation issues, and applied aviation and space research. The Space portion emphasizes the development of air and space flight; the earth's air, land and water systems; and the solar systems to include the sun, planets, and probes. Aviation and Space Program seeks doctoral candidates with strong intellects, proper educational preparation, breadth and depth of Aviation and Space experiences and the capacity for disciplined investigations. The Aviation and Space program provides advanced courses in the specific field of aviation and space for successful practice in the aerospace industry. Either the MAT or GRE test must be taken within five years prior to application to the program. All are required to submit a statement of personal goals and objectives, two letters of recommendation addressing the applicant's experiences, abilities, interest, motivation, etc., and a current resumé/curriculum vitae. Coursework must be completed from the professional core, program emphasis, field experiences and research in addition to 10 hours of doctoral dissertation, for a total of 60 hours of coursework beyond the Master's degree. The EdD degree requires a dissertation that is research-based in the student's field of specialization. Basic principles are used to emphasize the practical application of research.

The mission of the Aviation and Space graduate program has three essential components:

1. Cultivate exemplary undergraduate and graduate instruction through a professional atmosphere in which students learn, develop, promote integrity and contribute to the broader aerospace community.
2. Engage in applied aerospace research and scholarly initiatives that benefit industry, general aviation, government and the public.
3. Provide leadership, expertise, and professional development opportunities for aviation and aerospace professionals and the aerospace industry, and to promote a greater understanding of aerospace among the general public

Additional information can be found at the <https://education.okstate.edu/aado/index.html> (<http://flyosu.okstate.edu/>) website.

Educational Leadership (School Administration) (EDLE)

Ed Harris, PhD—Professor and Program Coordinator (School Administration)

MS in Educational Leadership/School Administration

MS in Educational Leadership with a specialization in School Administration: To be considered for admission to the MS program in School Administration, applicants are expected to have an earned baccalaureate degree with at least a 3.00 GPA (on a 4.00 scale), a minimum two years of teaching experience, and career goals that match the program. Applicants must provide three appropriate recommendations, transcripts, and required essays. Applicants may be asked to complete an interview with program faculty. Applications for the MS in School Administration are accepted on a rolling basis; an applicant's file will be reviewed when all materials have been received and notification of the admission decision will follow shortly thereafter.

Graduate Certificate in Building Level Leadership

The Graduate Certificate in Building Level Leadership is intended for individuals seeking principal certification. This certificate documents partial fulfillment of state licensure requirements. To be considered for admission to the Graduate Certificate in Building Level Leadership, applicants are expected to have an earned master's degree with at least a 3.00 GPA (on a 4.00 scale) or plan of study in place for fulfillment of a master's degree, a minimum two years of teaching experience, and career goals that match the program. Applicants must provide three appropriate recommendations, transcripts, and required essays. Applicants may be asked to complete an interview with program faculty. Applications for the Graduate Certificate in Building Level Leadership are accepted on a rolling basis; an applicant's file will be reviewed when all materials have been received and notification of the admission decision will follow shortly thereafter.

Graduate Certificate in District Level Leadership

The Graduate Certificate in District Level Leadership is intended for individuals seeking superintendent certification. This certificate documents partial fulfillment of state licensure requirements. To be considered for admission to the Graduate Certificate in District Level Leadership, applicants are expected to have an earned master's degree or doctorate with at least a 3.00 GPA (on a 4.00 scale) or plan of study in place for fulfillment of a master's degree or doctoral degree, a minimum two years of teaching experience, and career goals that match the program. Applicants must provide three appropriate recommendations, transcripts, and required essays. Applicants may be asked to complete an interview with program faculty. Applications for the Graduate Certificate in District Level Leadership are accepted on a rolling basis; an applicant's file will be reviewed when all materials have been received and notification of the admission decision will follow shortly thereafter.

Graduate Certificate in Workforce and Adult Education

The Graduate Certificate in Workforce and Adult Education is designed to provide focused preparation for educational leadership in all areas of workforce development. The Workforce and Adult Education Graduate Certificate is designed to be a short term, 12-hour, stand-alone certificate for degreed professionals working to acquire the necessary skill set needed for training in a variety of settings. This certificate aligns with the direction of industry and educational institutions toward a more focused approach to training and building skill sets as seen by the increase in alternative pathways to industry credentials and specialized instruction.

EdD in Educational Leadership with a Specialization in School Administration

To be considered for admission to the EdD program in School Administration, applicants must possess an earned master's degree with a minimum 3.00 GPA (on a 4.00 scale) and career goals consistent with SA program goals. The online application must include a career objectives statement, master's transcripts, a current vita or resume, a description of relevant work experience, samples of scholarly work, a critical issues essay, three letters of recommendation, and a recent MAT or GRE score. Students recently admitted to the EdD program have an average MAT score of 422 or GRE scores of Verbal 157 (560) and Quantitative 150 (630). Review of applications for doctoral programs will begin after March 15, the deadline for receipt of all application materials. Notification of decisions will follow soon thereafter.

PhD in Educational Leadership and Policy Studies/ Educational Administration

Applicants for PhD program in Educational Administration must provide a current academic vita/resume, transcripts, a career objective essay, a critical issue essay, two examples of written work, three letters of recommendation and GRE (Graduate Record Exam) scores. The expected minimum scores are Verbal - 153, Quantitative - 149, and Writing - 4.5. GRE scores must not be over five years old at the time of application review. Additionally, program faculty may request an interview with the applicant. The PhD requires a one-year residency or comparable experience of at least nine hours for two semesters during coursework completion. Review of applications for PhD students are on a rolling basis. For fall admission, applications are due by March 15. Notification of decisions will follow soon thereafter.

EdS in Education/Educational Administration

The Educational Specialist degree in educational administration at Oklahoma State University – College of Education and Human Sciences is a 36-credit-hour, post-master's program that provides advanced graduate work for school leadership and administration. The focus is to prepare individuals for higher levels of educational administrative responsibility, typically in specialized positions in building and central office administration. Specific courses applied to the doctoral program are determined in consultation with the academic advisor and the School Administration Program Coordinator.

Application Deadline

Applications may be submitted at any time. Admissions are made on a rolling basis; students should receive notification of admission status within 4-6 weeks after all application materials are received. Admission review is initiated when applicants have applied to the Graduate College and their completed admission folders have been sent to College of Education and Human Sciences for faculty review.

Minimum Background Requirements

EdS Applicants must have:

- A Master's from a regionally accredited college or university with a 3.0 GPA,
- GRE or MAT scores – A test score, no older than 5 years, from the Graduate Record Exam (GRE) or the Miller Analogies Test (MAT) is equally accepted.
- Approval of the admissions committee
- TOEFL or IELTS (if required to establish English proficiency)

Documents Required to be Submitted for Admission Review

- OSU Graduate application, including transcripts
- Typewritten goals statement (about 500 words) consistent with mission of school leadership
- Writing sample
- Current Resume (include a list of three references with contact information)
- Three letters of reference

Interview

The program faculty may request an interview with applicants as a requirement for admission.

Educational Technology (EDTC)

Susan Stansberry, PhD— Professor and Program Coordinator

The mission of Oklahoma State University's Educational Technology program is to facilitate the growth of scholars and educational

technology professionals through rigorous programs of study that provide exceptional hands-on, collaborative and innovative learning, research and service experiences and are highly regarded at the international, national, state and university levels. The program website, edtech.okstate.edu (<http://edtech.okstate.edu/>), offers greater detail.

MS in Educational Technology - Options: Educational Technology and School Library Media

The MS in Educational Technology is for students interested in furthering their knowledge, skills and opportunities in the area of educational technology and school library media. This degree will enhance their marketability and, in the case of the School Library Media option, provide credentials necessary for recommendation for this particular area of teacher certification. In addition to the core focus on educational technology, candidates pursuing School Library Media certification will also be immersed in the areas of information literacy, curriculum leadership and program administration, meeting ALA accreditation standards through CAEP. To be considered for admission to the master's program, applicants should have an earned baccalaureate degree with at least a 3.00 GPA (on a 4.00 scale), a professional goals statement and three letters of recommendation providing information related to past academic ability, potential for graduate study and writing ability. Applications will be reviewed upon receipt of all materials.

Graduate Certificate in School Library Media Certification

This certificate is for those who already hold a master's degree and initial teaching certificate and want to add-on School Library Media advanced certificate in the State of Oklahoma.

Graduate Certificate in Online Teaching

The Graduate Certificate in Online Teaching offers students the opportunity to add pedagogical and technological skills to their existing content knowledge within a model online learning environment and emerge prepared to design, develop, deliver and sustain online learning in an educational institution. This certificate is often used as a cognate area for PhD programs across campus. Applications are reviewed as received, but all cohorts begin in the fall semester. Applications must be submitted by July 1.

PhD in Education/Educational Technology

For those seeking a doctoral-level degree emphasizing educational technology, we offer the PhD in Education with an option in Educational Technology. The focus of the program is on the core areas of the field: design, development, utilization, production, and evaluation of instructional systems, human computer interaction and technology applications to support learning and teaching. The doctoral program emphasizes research using educational technology in applied settings. The PhD degree in Educational Technology option prepares future researchers for a variety of professional positions. Graduates are typically employed as university faculty, educational technologists in universities, community colleges, and schools or as training managers or instructional designer/developers in corporate settings. The PhD in Education degree requires a minimum of 69 credit hours beyond the master's degree. Applicants must apply to the OSU Graduate College and include a recent score from the Graduate Record Exam or the Miller Analogies Test, a Statement of Goals and Objectives, references and examples of scholarly writing. An interview may be requested.

The student association for this program is the Educational Media and Technology Student Association. The purpose of this group is to engage undergraduate and graduate students interested in this field in activities that will serve to enhance their academic experience through special speakers, service projects and social activities.

The Educational Technology faculty is committed to involving students in a variety of experiences that will enhance their professional careers. Students help facilitate the College's Emerging Technologies and Creativity Lab (<http://edtech.okstate.edu/techplayground/>). Faculty work with students to present papers at national conferences and to submit manuscripts to professional journals. Students participate in Educational Technology courses, grant projects, and service and outreach to educational groups. Graduate assistantships in teaching and research are often available. Each student has the opportunity to engage in rich internship and practicum experiences designed with the individual learner's goals in mind.

Educational Psychology (EPSY)

Mike S. Yough, PhD—Assistant Professor and Coordinator

MS in Educational Psychology

A master's degree in educational psychology is available as an option within the MS in educational psychology. Educational psychology emphasizes the application of psychological theory and research in the field of education. Every educational psychology master's student takes basic courses in educational psychology and research. For more information, see the website https://education.okstate.edu/site-files/docs/epsy/epsy_handbook_1819.pdf. We have an option application for the MS degree in educational psychology.

PhD in Educational Psychology

The PhD in Educational Psychology includes areas of study in learning motivation cognition, instructional psychology, and human development. The programs prepare students for the role of teacher and researcher in educational and non-educational settings such as higher education, business, government, and communities.

The educational psychology PhD program is designed to provide students with maximum opportunity to individualize their programs according to their own interests, needs and professional goals. Applications for the PhD in Educational Psychology are due by February 1 for the following fall enrollment. For more information, see the website <http://education.okstate.edu/graduatestudies/phd> (<http://education.okstate.edu/graduatestudies/phd/>).

Research, Evaluation, Measurement and Statistics (REMS)

Jam Khojasteh, PhD—Associate Professor and Program Coordinator

The Research, Evaluation, Measurement and Statistics program offers MS and PhD degrees and three graduate certificates (see website). The MS program prepares students to function as staff members in research and evaluation units in school districts, governmental agencies, and private corporations and foundations. Graduates of the doctoral program are prepared to serve as college or university professors, directors of research and evaluation for public schools and universities, researchers for funded projects, state department of education consultants, and professional employees for test publishers and local, state and federal government agencies.

MS in Research, Evaluation, Measurement and Statistics

The MS degree requires a minimum of 36 credit hours. There are three options: either 36 hours of coursework plus a creative component; 32 hours of coursework plus a report (four thesis hours); or 30 hours of coursework plus a thesis (six thesis hours). The student's advisory committee may recommend additional coursework or thesis hours. Required courses include six hours in educational psychology and 24 hours in research and evaluation including a practicum. Students taking a non-thesis option must take additional courses from an approved list of electives. Master's students must take two qualifying examinations that cover the program core and the area of professional specialization.

PhD in Research, Evaluation, Measurement and Statistics

The PhD degree requires a university determined minimum of 60 hours beyond the master's degree or a minimum of 90 semester hours beyond the bachelor's degree. The typical doctoral student completes nine hours of common core coursework in educational psychology and 15 hours of common core coursework in integrated and extended inquiry; 18 hours of professional course hours (e.g., psychometric theory, applied multivariate research), a minimum of nine hours in a cognate area defined by the student and committee chair (e.g., mathematical statistics, institutional research, student development), and at least 15 dissertation hours. Students also select two applied experiences from a list of suggested experiences with the assistance and approval of the committee chair. PhD students must take two qualifying examinations that cover the program and core and the area of professional specialization.

Graduate Certificate in Program Evaluation

The Graduate Certificate in Program Evaluation is designed for students seeking to become more knowledgeable in program evaluation skills. The certificate enables students to have a critical understanding of key program evaluation techniques, including how to plan and design evaluations and logic models. Students will also gain practice in carrying out an actual program evaluation as a result of completing this certificate.

Graduate Certificate in Educational & Psychological Measurement

The Graduate Certificate in Educational and Psychological Measurement is designed for students seeking to develop skills necessary for conducting research studies that involve some type of knowledge test, personality assessment and other psychological survey. The certificate enables students to have an understanding of key statistical techniques and tools for analyzing data gathered from tests and surveys. Coursework is designed to prepare students to critically evaluate the instruments they use in order to properly use them to measure or score respondents.

Graduate Certificate in Statistical Methods & Analyses in Education & Behavioral Sciences

The Graduate Certificate in Statistical Methods and Analyses in Education and Behavioral Sciences is designed for students seeking to strengthen skills for conducting research studies that involve data analysis, quantitative reasoning, use of data and knowledge of statistical methods. The certificate enables students to have a critical understanding of key statistical methods and analyses. Many graduate students use statistical procedures in their own research and gather data for these theses, dissertations or other projects. The coursework compiled within this graduate certificate is designed to prepare students to critically evaluate statistical methods used and

conduct the appropriate analyses given their data, hypotheses and research questions.

Higher Education and Student Affairs (HESA)

Kerri S. Kearney, MBA, EdD—Associate Professor and Program Coordinator

MS in Educational Leadership/Higher Education

To be considered for admission to the Master's program with an option in Higher Education, applicants are expected to have an earned baccalaureate degree with at least a 3.00 cumulative GPA (on a 4.00 scale) and career goals that match program learning objectives. Through the OSU Graduate College's online application, applicants must provide a career objective and personal goals essay, current academic vita or resume, and appropriate recommendations. Applicants may also submit an academic writing sample. Applicants may be asked to complete an interview with program faculty. Applications to all HESA Master's programs are accepted on a rolling basis however, for fullest consideration for graduate assistantships, please submit all materials by February 1. An applicant's file will be reviewed when all materials have been uploaded through the online application system. Notification of the admission decision will follow before the beginning of the next semester.

MS in Educational Leadership/College Student Development

To be considered for admission to the Master's program with an option in College Student Development, applicants are expected to have an earned baccalaureate degree with at least a 3.00 cumulative GPA (on a 4.00 scale) and career goals that match program learning objectives. Applicants must provide a career objective and personal goals, essay, current resume or academic vita and appropriate recommendations. Applicants may also submit an academic writing sample. Applicants may be asked to complete an interview with program faculty. Applications to all HESA Master's programs are accepted on a rolling basis; however, for fullest consideration for graduate assistantships, please submit all materials by February 1. An applicant's file will be reviewed when all materials have been uploaded to the online application system. Notification of the admission decision will follow before the beginning of the next semester.

PhD in Educational Leadership and Policy Studies/Higher Education

Through the OSU Graduate College's online application, applicants for the PhD program in Higher Education must provide a current academic vita/resume, a career objective essay, three letters of recommendation, two examples of written work, and either GRE (Graduate Record Exam) or MAT (Miller Analogies Test) scores, GMAT (Graduate Management Admission Test) or LSAT (Law School Admission Test). Exam scores must not be over five years old at the time of application review. Additionally, the program faculty may request an interview with applicants. The PhD requires a research/professional experience completed simultaneously with coursework. All application material must be received by March 15; review of applications will begin soon thereafter. Notification of decisions will follow.

More information about the Higher Education program, course requirements, other pertinent information, and an electronic copy of the application packet, can be found at <http://education.okstate.edu/hesa> (<http://education.okstate.edu/hesa/>).

Applications for all degree programs can be found on the college Graduate Studies website at <http://education.okstate.edu/graduatestudies> (<http://education.okstate.edu/graduatestudies/>).

Social Foundations (SCFD)

Guoping Zhao, PhD—Professor and Program Coordinator

Social foundations of education is an interdisciplinary study of schooling and other forms of education. Ever since it began during the 1930s at Teachers College of Columbia University, social foundations has brought together scholars who situate education in historical, philosophical, economic and social contexts. Using the tools of the humanities and the social sciences, social foundations scholars ask perennial questions, such as: What is the purpose of schooling in a democracy? What knowledge and values should be taught and to whose benefit? How are issues of race, ethnicity, social class, gender and ability manifested in schools?

Drawing from history, philosophy, sociology, anthropology, international studies and other disciplines to teach their courses, faculty in the social foundations program area ask that educators reflect critically on the social and cultural dynamics in educational settings and how policy and practices might be improved. Students from other human service professions and other disciplines are invited to make similar use of the content of these courses for their professional practice.

MA in Social Foundations of Education

The MA in Social Foundations of Education is designed for those who are interested in increasing their knowledge base in history, philosophy, sociology, and anthropology of education and their research skills and critical and creative thinking skills. The degree will enhance current practitioners' and leaders' marketability and their capacity to earn professional development credits and pay raises. It will also prepare those who wish to continue on to earn a Ph.D. or another terminal degree in education and related fields. The curriculum is geared toward providing students with a strong foundation in theory and research, bridging together community service and outreach.

To be considered for admission to the MA program, applicants are expected to have an earned bachelor's degree with minimum GPA averages of 3.00 on a 4.00 scale. Rolling admission until July 1 for Fall admission and December 1 for Spring admission. For international applicants, see the Graduate College requirement at: <https://gradcollege.okstate.edu/prospective-students/application-process.html>.

PhD in Education/Social Foundation

The mission of the PhD in education with social foundations option is to educate scholars who have the abilities to discover, integrate and apply knowledge about the culture in which the institutions called school reside, as well as the culture the institution creates. In the broadest sense, social foundations option is intended to educate scholars so they can disseminate new knowledge to educational, governmental, social economic and other scholarly communities interested in the advancement of the educational enterprise at the national and international levels.

To be considered for admission to the PhD program, applicants are expected to have an earned master's degree with minimum GPA averages of 3.50 on a 4.00 scale, and have career goals that match the program. Applicants must provide appropriate recommendations (three), present either a Graduate Record Exam (GRE) or Miller Analogy Test (MAT) score. Preferred GRE scores are: Verbal-151, Quantitative-150, and

Analytic Writing-4.5. For the MAT, a raw score of 400 is expected. A recent scholarly writing sample is also expected. For students with little or no background in education, additional leveling courses may be required.

Faculty

Chad Depperschmidt, EdD—Associate Professor and School Head

Professors: Timm Bliss, EdD; Edward Harris, PhD; Susan Stansberry, PhD; Guoping Zhao, PhD

Associate Professors: Tataleni Asino, PhD; Lucy Bailey, PhD; Benjamin Bindewald, PhD; Denise Blum, PhD; Ki Lynn Cole, PhD; Katherine Curry, EdD; Kerri Kearney, EdD; Jam Khojasteh, PhD; Jon Loffi, EdD; Tami Moore, PhD; Mwarumba Mwavita, PhD; Mary Jo Self, EdD; Penny Thompson, PhD; Jane Vogler-Cragun, PhD; Steven Wanger, PhD; Mike Yough, PhD

Assistant Professors: Mallory Casebolt, PhD; Ashlyn Fiegenger, PhD; Kathryn Gardner-Vandy, EdD; Amber Manning-Ouellette, PhD; Kalianne Neumann, PhD; Jentre Olsen, PhD; Matt Vance, PhD; Chia-chen Yang, PhD

Manager, Aviation: Lance Fortney, MS

Chief Flight Instructors: Mark Uhlman, EdD; Jared Dunlap

Aerospace Administration and Operations: Aerospace Security (AAAS), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Academic Programs and Student Services, 101 Human Sciences, 405-744-5053

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 24 hours

Code	Title	Hours
Minor Requirements		
AVED 3453	Aviation/Aerospace Security Issues	3
AVED 3483	Airport Passenger and Baggage Screening	3
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 4413	Aviation Terrorism and Asymmetrical Warfare	3
AVED 4423	Aviation Security Organizations and Law	3
AVED 4943	Basic Aircraft Accident Investigation	3
Select 6 hours of the following:		6
AVED 3443	Aviation Legal and Regulatory Issues	
AVED 3523	Airport Planning and Management	
AVED 4113	Aviation Safety	
AVED 4663	Aerospace Leadership	

Additional OSU Requirements

Undergraduate Minors

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

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

Aerospace Administration and Operations: Aerospace Security, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
EDUC 1111	First Year Seminar	1
Select 19 hours		19
Recommended Courses:		
ACCT 2003	Survey of Accounting	
AVED 1114	Theory of Flight	
AVED 4100	Specialized Studies in Aviation	
AVED 4200	Internship in Aviation	
REL 1103	Introduction to World Religions (HI)	
SOC 3223	Social Psychology (S)	
Hours Subtotal		20

Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
AVED 3113	History of Aviation	3
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3443	Aviation Legal and Regulatory Issues	3
AVED 3453	Aviation/Aerospace Security Issues	3
AVED 3483	Airport Passenger and Baggage Screening	3
AVED 3493	Analysis of Aviation Security Countermeasures	3
AVED 3513	Aviation/Aerospace Management Principles	3
AVED 3523	Airport Planning and Management	3
AVED 3543	Aerospace Organizational Communications	3
AVED 3573	Aviation/Aerospace Finance	3
AVED 3623	Airport Network Security	3
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 3883	Space Flight	3
AVED 4413	Aviation Terrorism and Asymmetrical Warfare	3
AVED 4423	Aviation Security Organizations and Law	3
AVED 4653	International Aerospace Issues (I)	3
AVED 4663	Aerospace Leadership	3
AVED 4943	Basic Aircraft Accident Investigation	3
AVED 4953	Corporate and General Aviation Management	3
AVED 4993	Aviation Labor Relations	3
Hours Subtotal		60
Total Hours		120

Other Requirements

- 40 hours of upper-division coursework.
- 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 2026.

Aerospace Administration and Operations: Aviation Management (AAAM), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Academic Programs and Student Services, 101 Human Sciences,
405-744-5053

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 27 hours

Code	Title	Hours
Minor Requirements		
AVED 3113	History of Aviation	3
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3513	Aviation/Aerospace Management Principles	3
AVED 3523	Airport Planning and Management	3
AVED 3543	Aerospace Organizational Communications	3
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 4113	Aviation Safety	3
AVED 4663	Aerospace Leadership	3
AVED 4953	Corporate and General Aviation Management	3
Total Hours		27

Additional OSU Requirements

Undergraduate Minors

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

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

Aerospace Administration and Operations: Aviation Management, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Select one course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
EDUC 1111	First Year Seminar	1
Select 19 hours		19
Recommended Courses:		
ACCT 2003	Survey of Accounting	
ACCT 2203	Managerial Accounting	
AVED 4100	Specialized Studies in Aviation	
AVED 4200	Internship in Aviation	
ECON 2003	Microeconomic Principles for Business	
ECON 2103	Introduction to Microeconomics (S)	

ECON 2203	Introduction to Macroeconomics	
Hours Subtotal		20
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
AVED 3113	History of Aviation	3
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3443	Aviation Legal and Regulatory Issues	3
AVED 3453	Aviation/Aerospace Security Issues	3
AVED 3513	Aviation/Aerospace Management Principles	3
AVED 3523	Airport Planning and Management	3
AVED 3543	Aerospace Organizational Communications	3
AVED 3563	Aviation Marketing	3
AVED 3573	Aviation/Aerospace Finance	3
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 3883	Space Flight	3
AVED 4113	Aviation Safety	3
AVED 4173	Aerospace Logistics Quality Programs	3
AVED 4523	Airport Certified Member Preparation	3
AVED 4653	International Aerospace Issues (I)	3
AVED 4663	Aerospace Leadership	3
AVED 4883	Capstone Course in Aviation Management	3
AVED 4943	Basic Aircraft Accident Investigation	3
AVED 4953	Corporate and General Aviation Management	3
AVED 4993	Aviation Labor Relations	3
Hours Subtotal		60
Total Hours		120

Other Requirements

- 40 hours of upper-division coursework.
- 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 2026.

Aerospace Administration and Operations: Professional Pilot (AAPP), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Academic Programs and Student Services, 101 Human Sciences,
405-744-5053

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 26 hours

Code	Title	Hours
Minor Requirements		
AVED 1114	Theory of Flight	4
AVED 1222	Private Flight Laboratory I	2
AVED 1232	Private Flight Laboratory II	2
AVED 1403	Advanced Theory of Flight	3
AVED 2122	Intermediate Flight Lab	2
AVED 2133	Instrument Flight Laboratory	3
AVED 2142	Commercial Maneuvers Flight Lab	2
AVED 2213	Theory of Instrument Flight	3
AVED 2313	Theory of Commercial Flight	3
AVED 3231	Theory of Multi-Engine Flight	1
AVED 3341	Multi-Engine Flight Laboratory	1
Total Hours		26

Additional OSU Requirements

Undergraduate Minors

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

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

Aerospace Administration and Operations: Professional Pilot, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A) (or higher MATH or STAT (A) course)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
GEOG 3033	Meteorology (N)	3
PHYS 1114	College Physics I (LN)	4
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
EDUC 1111	First Year Seminar	1
Select 6 hours of electives		6
Recommended Courses (2 hours each below):		
AVED 4100	Specialized Studies in Aviation	
AVED 4200	Internship in Aviation	
Hours Subtotal		7
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course		

AVED 1114	Theory of Flight	4
AVED 1222	Private Flight Laboratory I	2
AVED 1232	Private Flight Laboratory II	2
AVED 1403	Advanced Theory of Flight	3
AVED 2122	Intermediate Flight Lab	2
AVED 2133	Instrument Flight Laboratory	3
AVED 2142	Commercial Maneuvers Flight Lab	2
AVED 2213	Theory of Instrument Flight	3
AVED 2313	Theory of Commercial Flight	3
AVED 3113	History of Aviation	3
AVED 3231	Theory of Multi-Engine Flight	1
AVED 3243	Human Factors in Aviation	3
AVED 3333	Advanced Aircraft Systems	3
AVED 3341	Multi-Engine Flight Laboratory	1
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3443	Aviation Legal and Regulatory Issues	3
AVED 3453	Aviation/Aerospace Security Issues	3
AVED 3533	Aircraft Turbine Engine Operation	3
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 4113	Aviation Safety	3
AVED 4133	Principles of Flight Instruction	3
AVED 4232	Flight Instructor: Airplane Flight Laboratory	2
AVED 4303	Aviation Weather	3
AVED 4353	Cockpit Automation	3
AVED 4653	International Aerospace Issues (I)	3
AVED 4703	Crew Resource Management	3
AVED 4993	Aviation Labor Relations	3
Hours Subtotal		73
Total Hours		120

Other Requirements

- 40 hours of upper-division coursework.
- 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 2026.

Aerospace Administration and Operations: Technical Service Management, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		7
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Some or all may need to be upper-division		
EDUC 1111	First Year Seminar	1
Select 16 hours		16
Recommended Courses:		
AVED 1114	Theory of Flight	
AVED 1222	Private Flight Laboratory I	
AVED 4100	Specialized Studies in Aviation (3 hours)	
AVED 4200	Internship in Aviation (variable hours)	
Hours Subtotal		17

Major Requirements

Minimum GPA 2.50 with a minimum grade of "C" in each course		
AVED 3113	History of Aviation	3
AVED 3433	Aviation/Aerospace Ethics	3
AVED 3443	Aviation Legal and Regulatory Issues	3
AVED 3453	Aviation/Aerospace Security Issues	3
AVED 3513	Aviation/Aerospace Management Principles	3
or AVED 3333	Advanced Aircraft Systems	
AVED 3543	Aerospace Organizational Communications	3
or AVED 3243	Human Factors in Aviation	
AVED 3573	Aviation/Aerospace Finance	3
or AVED 3533	Aircraft Turbine Engine Operation	
AVED 3663	Aerospace and Air Carrier Industry	3
AVED 4113	Aviation Safety	3
AVED 4653	International Aerospace Issues (I)	3
AVED 4663	Aerospace Leadership	3
or AVED 4303	Aviation Weather	
AVED 4953	Corporate and General Aviation Management	3
or AVED 4353	Cockpit Automation	
AVED 4993	Aviation Labor Relations	3
Select 24 hours of coursework in Aviation Science		24
Hours Subtotal		63
Total Hours		120

Other Requirements

- 40 hours of upper-division coursework.
- 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 2026.

Creativity Studies (CRST), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Academic Programs and Student Services, 101 Human Sciences,
405-744-5053

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 18 hours

Code	Title	Hours
Minor Requirements		
EPSY 3063	Critical Thinking, Problem Solving, and Creative Processes	3
EPSY 4063	Exploration of the Creative Experience	3
EEE 4663	Imagination in Entrepreneurship	3
Select 3 courses (9 hours), no more than two courses in any department, of the following:		9
AMST 3550	The Arts and American Society	
DHM 2003	Problem Solving Strategies	
EEE 4010	Special Topics in Entrepreneurship	
EEE 4113	Dilemmas and Debates in Entrepreneurship	
EEE 4503	Designing, Prototyping, Testing	
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
PHIL 4113	Philosophy and the Arts (H)	
Total Hours		18

Additional OSU Requirements

Undergraduate Minors

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

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

Learning and Motivation (LEMO), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Academic Programs and Student Services, 101 Human Sciences,
405-744-5053

Minimum Overall Grade Point Average: 3.0 with no grade below "C."

Total Hours: 18 hours

Code	Title	Hours
Minor Requirements		
EPSY 3533	Motivating Learners	3
EPSY 4223	Psychological Foundations of Learning and Instruction	3
Select one of the following:		3
EPSY 3113	Psychological Foundations of Childhood	
EPSY 3213	Psychology of Adolescence	
EPSY 3413	Child and Adolescent Development	
Select 9 hours from the following:		9
CPSY 4443	Cultural Diversity in Professional Life (D)	
EPSY 3063	Critical Thinking, Problem Solving, and Creative Processes	
EPSY 4063	Exploration of the Creative Experience	
EPSY 4533	Competency Motivation	
SPED 3202	Educating Exceptional Learners (D)	
EPSY 4743	Learning, Motivation, and Social Justice (Course effective Fall 2019)	
Total Hours		18

Additional OSU Requirements

Undergraduate Minors

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

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

Learning and Motivation, Undergraduate Certificate

Requirements for Students Matriculating in or before Academic Year

2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Total Hours: 18 Hours

Code	Title	Hours
Required Courses		
EPSY 4223	Psychological Foundations of Learning and Instruction	3
EPSY 3533	Motivating Learners	3
CPSY 4443	Cultural Diversity in Professional Life (D)	3
Select three hours from the following:		3
EPSY 3113	Psychological Foundations of Childhood	
EPSY 3213	Psychology of Adolescence	
EPSY 3413	Child and Adolescent Development	
Select six hours from the following:		6
EPSY 3063	Critical Thinking, Problem Solving, and Creative Processes	
EPSY 4063	Exploration of the Creative Experience	
EPSY 4533	Competency Motivation	
EPSY 4743	Learning, Motivation, and Social Justice	
Total Hours		18

Unmanned Aircraft Pilot (UAP), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Dr. Jon Loffi, School of Educational Foundations, Leadership and Aviation, 316 Willard Hall, 405-744-9892

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 17 hours

Code	Title	Hours
Minor Requirements		
AVED 1114	Theory of Flight	4
AVED 1222	Private Flight Laboratory I	2
AVED 1232	Private Flight Laboratory II	2
AVED 2213	Theory of Instrument Flight	3
AVED 4713	Unmanned Aircraft Pilot Laboratory	3
MAE 4010	Mechanical and Aerospace Engineering Projects	3
Total Hours		17

Additional OSU Requirements

Undergraduate Minors

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

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

School of Kinesiology, Applied Health and Recreation

Dr. Bert Jacobson, Ed.D.—School Head, Regents Professor, Seretean Endowed Professor

The School of Kinesiology, Applied Health and Recreation (KAHR) offers undergraduate and graduate programs in Applied Exercise Science, Physical Education, Recreation Management and Recreational Therapy, and Leisure Studies. These programs provide excellence in graduate and undergraduate education through current academic relevance and proven standards. Candidates are encouraged to engage in scholarly inquiry and research productivity to benefit the people of Oklahoma and beyond. Areas of service extend through involvement with the university, community, state and nation. The commonality in programs within the KAHR provides unique opportunities for program interaction and collaboration for both faculty and students.

Course Prefixes

Course prefixes in KAHR include HHP (Health and Human Performance); RMRT (Recreational Management and Recreational Therapy); and LEIS (Leisure Studies).

Applied Exercise Science

Jason Defreitas, PhD—Assistant Professor and HHP Coordinator

The program in Applied Exercise Science at OSU prepares students through coursework such as biomechanics, exercise physiology, exercise psychology, exercise testing, sports nutrition, cardiac rehabilitation, strength and conditioning, and overall fitness for both healthy individuals and those with special needs. The Degree offers two options: Pre-Professional and Strength and Conditioning. The Pre-Professional concentration is designed for undergraduates interested in careers in Clinical Exercise Physiology, Cardiac/Stroke Rehabilitation, Physical Therapy, Occupational Therapy, Athletic Training, and graduate school. The Strength and Conditioning concentration is designed for students interested in careers in Strength and Conditioning, Personal Training, Fitness Instructor, Coaching, Fitness Facility Management, etc. This degree would also serve to prepare the student for various professional certification examinations, such as Certified Strength and Conditioning Specialist (CSCS), Certified Special Population Specialist (CSPS), Certified Personal Trainer (NSCA=CPT), Physical Therapist (CPT), Certified Health Fitness Specialist (HFS), Certified Exercise Physiologists (EP-C), etc.

Physical Education

Patricia Hughes, PhD—Associate Professor and Program Coordinator

The undergraduate program includes a curriculum designed for professional preparation as a certified teacher of physical education, PK-12. Core courses for all physical education students include science-based courses, teaching methods, health and content-specific courses. Students engage in two formal field-based experiences: (1) a 45-hour practicum consisting of on-site observational experiences in one or more public school settings; and (2) a clinical experience (student teaching) in elementary and secondary schools during the final semester. A minor in Coaching Science is also offered, for which a student does not need to be a Physical Education major.

Recreation Management and Recreational Therapy

Tim Passmore, EdD, CTRS/L—Associate Professor and Program Coordinator

The program in Recreation Management and Recreational Therapy Program prepares students at the undergraduate and graduate levels for careers in recreation management and recreational therapy. The undergraduate program in Recreational Therapy is accredited through the Committee on Accreditation of Recreational Therapy Education by the Commission on Accreditation of Allied Health Programs. Students completing the Recreational Therapy program are eligible to sit for the National Council for Therapeutic Recreation Certification (CTRS) and apply for Medical Licensure in the State of Oklahoma through the Oklahoma Medical Licensing Board. Recreational Therapy prepares students to work in a variety of settings including hospitals, rehabilitation centers, day programs, institutions and within the community. Recreational Therapy is a valued part of the health care and human services. Individuals with illness, disabilities or limitations are helped to restore, enhance or maintain their health, independence and well-being through recreational therapy.

Those students completing the Recreation Management program are eligible to sit for the Certified Park and Recreation Professional. Recreation Management prepares students for employment in a variety of settings such as municipal, commercial, and corporate recreation; state and national park services; YMCAs and YWCAs; and armed services recreation. Recreation Management is a growing field and is a multi-billion dollar industry. Non-majors may complete a 21-credit minor in Recreation Management.

Sports & Coaching Science

Program Area Faculty: Bert Jacobson

The Sports & Coaching Science degree prepares students at the undergraduate level for careers in athletic coaching and ancillary fields. The curriculum prepares professionals for certification via various sports organizations relevant to their specific sport of interest (e.g., United States Tennis Association, National Football League, United States Volleyball Association), or prepares them to successfully achieve other sport and exercise-based certifications such as personal training. The degree will also prepare students for the many graduate programs available nationwide in coaching science and education.

The Sports & Coaching Science Program prepares students for work and further study in a variety of settings including: professional, collegiate, or secondary school sport organizations; elite training facilities; athletic league officiating; small businesses (e.g., karate, cheer, gymnastics); sport psychology; athletic training; strength and conditioning; and sports management.

Programs/Areas of Emphasis Degrees

Degrees offered through KAHR programs include Bachelor of Science (BS), Master of Science (MS) and Doctor of Philosophy (PhD).

Applied Exercise Science

- Applied Exercise Science
 - Pre-Professional - BS
 - Strength and Conditioning - BS

Health and Human Performance

- Health and Human Performance - MS
- Health, Leisure and Human Performance - PhD
- Leisure Studies - MS
- Physical Education
 - Teaching - BS

Recreational Management and Recreational Therapy

- Recreational Management and Recreational Therapy
 - Recreation Management - BS
 - Recreational Therapy - BS

Sports and Coaching Science

- Sports and Coaching Science - BS

Undergraduate Programs

- Applied Exercise Science: Pre-Professional, BS (p. 1496)
- Applied Exercise Science: Strength and Conditioning, BS (p. 1498)
- Recreation Management and Recreational Therapy: Recreation Management, BS (p. 1500)
- Recreation Management and Recreational Therapy: Recreational Therapy, BS (p. 1502)
- Recreation Management and Recreational Therapy (RMRT), Minor (p. 1504)
- Sports and Coaching Science (COAS), Minor (p. 1505)

Graduate Programs

Graduate Program

Doug Smith, PhD—Professor and Graduate Coordinator

MS in Health and Human Performance

The health and human performance program provides preparation at the master's level with the option of health promotion. The 36-hour degree offers a Thesis and Non-thesis (Creative Component) option. The program focuses on advancing the students understanding of the proximal and distal determinants of mental and physical health.

PhD in Health, Leisure and Human Performance

The purpose and focus of this program is to prepare excellent entry-level research scholars for formal and informal learning organizations. They may serve in such roles as faculty members at colleges and universities and scholar practitioners in the workplace. Students meet their career needs and goals through (1) community-based, translational research and (2) classroom experiences focusing on social justice and diversity. The option in health and human performance is designed to permit flexibility within the Health discipline while assuring that all students in the program are provided the opportunity to develop research skills which facilitate functioning as future faculty members or scholar practitioners.

Graduate Program

Tim Passmore, EdD, CTRS/L—Associate Professor and Graduate Coordinator

Master of Science in Leisure Studies

Beyond the baccalaureate level, the program in leisure studies provides preparation at the master's level across the discipline. Students develop a plan of study, under the advisement of a graduate committee and may focus on various emphasis areas in recreation, parks and leisure services or in recreational therapy. Graduates of the master's degree are typically employed in management and administrative positions in a wide variety of recreation, parks and leisure service settings. Graduates with a master's degree with the focus on Recreational Therapy are typically employed in healthcare settings to include hospitals, physical rehabilitation facilities, behavioral health, facilities, long-term care facilities and other facilities focused on healthcare. These include areas such as campus recreation, municipal parks and recreation, military recreation, YMCAs, state parks and others. The master's degree is 36 credit hours beyond the bachelor's degree and many graduate assistantships are available for qualified students.

PhD in Health, Leisure and Human Performance, with an option in Leisure Studies

Students seeking the terminal degree in Leisure Studies engage in the PhD in HLHP. Those completing this program are well prepared for entry-level positions as faculty members in a wide range of colleges and universities. To facilitate student readiness to work in academia, doctoral students work closely with faculty, engage in coursework and examinations, and participate in opportunities for experiences in teaching, scholarship and service. Core learning experiences include an understanding of curriculum, applied ethics and administration, as well as developing an understanding of the common tripartite mission of most universities - scholarship, teaching, and service. The PhD requires 60 hours of coursework beyond the master's degree; many graduate assistantships are available for qualified students.

Faculty

Bert H. Jacobson, EdD, FACSM—School Head, Regents Professor, Seretean Endowed Professor

Professors: Douglas Smith, PhD; Tim Passmore, EdD

Associate Professors: Jason Defreitas, PhD; Patricia Hughes, PhD; Donna Lindenmeier, PhD

Assistant Professors: Jay Dawes PhD; Nathaniel Jenkins, PhD; Taryn Price, PhD; Michael Trevino, PhD

Visiting Lecturer: Melissa Jensen, MS

Applied Exercise Science: Pre-Professional, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 3.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513 or MATH 1613	College Algebra (A) Trigonometry (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1215 or CHEM 1314	Chemical Principles I (LN) Chemistry I (LN)	4
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 3.00 with a minimum grade of "C"		
EDUC 1111	First Year Seminar	1
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	

STAT 2053	Elementary Statistics for the Social Sciences (A)	
Hours Subtotal		4
Major Requirements		
Minimum GPA of 3.00 with a minimum grade of "C" or "P" in each course		
HHP 1703	Introduction to Exercise Science	3
HHP 2553	Basic Athletic Injury Management	3
HHP 2654	Applied Anatomy	4
HHP 2802	Medical Terminology for the Health Professions	2
HHP 3114	Physiology of Exercise	4
HHP 3123 or HHP 4124	Principles of Personal Training Principles of Strength and Conditioning	3
HHP 3223	Motor Learning	3
HHP 3663	Biomechanics	3
HHP 4013	Motor Control	3
HHP 4773	Principles of Exercise Testing and Prescription	3
HHP 4480	Internship in Health and Human Performance (5 hours)	5
BIOC 3653	Survey of Biochemistry	3
CHEM 1225 or CHEM 1515	Chemical Principles II (LN) Chemistry II (LN)	5
CHEM 3013	Survey of Organic Chemistry	3
CHEM 3012	Survey of Organic Chemistry Laboratory	2
NSCI 2114	Principles of Human Nutrition (N)	4
NSCI 4133	Nutrition for Exercise and Sport	3
PHYS 1114	College Physics I (LN)	4
BIOL 1604	Animal Biology	4
BIOL 3204	Physiology	4
Hours Subtotal		68
Electives		
Select 8 hours		8
Hours Subtotal		8
Total Hours		120

Elective Suggestions

Code	Title	Hours
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3543	Food and the Human Environment (IS)	3
HHP 4480	Internship in Health and Human Performance (additional internship hours)	1-12
HLTH 4783	Health Issues in Gerontology	3
BIOL 3933	Research Methods	3
MICR 3033	Cell and Molecular Biology	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
PHIL 3833	Biomedical Ethics (H)	3
PSYC 3013	Psychology of Motivation	3
RMRT 2443	Contemporary Issues in Diversity (DS)	3
STAT 4013	Statistical Methods I (A)	3

BIOL 3123	Human Heredity (N)	3
BIOL 3214	Human Anatomy	4
BIOL 4253	Pharmacology	3
BIOL 4283	Endocrinology	3

Other Requirements

- 40 hours of upper-division coursework.
- Documentation of current first aid/CPR certification prior to completion of HHP 4480 Internship in Health and Human Performance.
- Required for graduation:
 - a. 3.00 Overall GPA;
 - b. 3.00 Overall GPA for enrollment in HHP 4480 Internship in Health and Human Performance;
 - c. 3.00 GPA in College/Departmental Requirements; and
 - d. 3.00 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 2026.

Applied Exercise Science: Strength and Conditioning, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.75

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
or MATH 1613	Trigonometry (A)	
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		8
<i>Social & Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		5
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1

BCOM 3113	Written Communication	3
MGMT 3013	Fundamentals of Management (S)	3
MKTG 3213	Marketing (S)	3
MSIS 2103	Business Data Science Technologies	3
or EDTC 4113	Applications of Media and Technology	
PHYS 1014	Descriptive Physics (N)	4
or PHYS 1114	College Physics I (LN)	
NSCI 2114	Principles of Human Nutrition (N)	4
BIOL 3204	Physiology	4
Hours Subtotal		25
Major Requirements		
Minimum GPA of 2.75 with a minimum grade of "C" or "P" in each course		
HHP 1703	Introduction to Exercise Science	3
HHP 2553	Basic Athletic Injury Management	3
HHP 2654	Applied Anatomy	4
HHP 2802	Medical Terminology for the Health Professions	2
HHP 3114	Physiology of Exercise	4
HHP 3223	Motor Learning	3
HHP 3333	Ethics in Sports Administration and Coaching	3
HHP 3443	Psychosocial Aspects of Sport and Coaching	3
HHP 3663	Biomechanics	3
HHP 4013	Motor Control	3
HHP 4124	Principles of Strength and Conditioning	4
HHP 4773	Principles of Exercise Testing and Prescription	3
HHP 4480	Internship in Health and Human Performance (5 hours)	5
MGMT 3943	Sports Management	3
Hours Subtotal		46
Electives		
Select 9 hours		9
Hours Subtotal		9
Total Hours		120

Elective Suggestions

Code	Title	Hours
NSCI 3223	Nutrition Across the Life Span	3
NSCI 4133	Nutrition for Exercise and Sport	3
HHP 3123	Principles of Personal Training	3
HHP 4480	Internship in Health and Human Performance (additional internship hours)	1-7
HLTH 3643	Health Behavior Theory	3
HLTH 4783	Health Issues in Gerontology	3
BIOL 3933	Research Methods	3
PHIL 3833	Biomedical Ethics (H)	3
PSYC 3013	Psychology of Motivation	3
NSCI 3543	Food and the Human Environment (IS)	3
RMRT 2443	Contemporary Issues in Diversity (DS)	3

Other Requirements

- 40 hours of upper-division course work. Documentation of current first aid/CPR certification prior to completion of HHP 4480 Internship in Health and Human Performance.
- Required for graduation:
 - a. 2.75 Overall GPA;
 - b. 2.75 Overall GPA for enrollment in HHP 4480 Internship in Health and Human Performance;
 - c. 2.75 GPA in College/Departmental Requirements; and
 - d. 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 2026.

Recreation Management and Recreational Therapy: Recreation Management, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
Math or STAT course designated (A)		3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
Courses designated (N) with one (L)		6
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		6
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		7
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
Select 3 hours of ECON		3
Select one of the following:		4
GEOG 1114	Physical Geography (LN)	
GEOG 1113	Introduction to Cultural Geography (IS) (plus 1 hour elective)	
Select one of the following courses:		3

HDFS 2113	Lifespan Human Development (S)	
HDFS 2123	Developmental Disabilities: Issues Across the Lifespan (D)	
HDFS 2213	Human Sexuality and the Family	
HDFS 2223	Foundations in Early Childhood Education	
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
HDFS 2243	Infant-Toddler Programming	
HDFS 2453	Management of Human Service Programs	
Select one of the following courses:		3
HLTH 2603	Total Wellness (S)	
HHP 1823	Pedagogy of Non-Traditional Activities, Rhythm, and Movement	
HHP 1833	Pedagogy of Team Activities	
HHP 1843	Pedagogy of Individual Activities	
Select 3 hours of MKTG		3
Select 3 hours of MATH or STAT		3
Hours Subtotal		20
Major Requirements		
Minimum GPA of 2.50 with a minimum grade of "C" or "P" in each course		
<i>Program Core (19 hours)</i>		
RMRT 2413	Introduction To Leisure Services	3
RMRT 2443	Contemporary Issues in Diversity (DS)	3
RMRT 2463	Laboratory In Leisure Services	3
RMRT 2473	Foundation of Leisure Service Leadership	3
RMRT 4433	Evaluation of Leisure Services	3
RMRT 4481	Senior Seminar In Leisure Services	1
RMRT 4493	Administration of Leisure Services	3
<i>RM Option Requirements (27 hours)</i>		
RMRT 3431	Recreation Management Practicum I	1
RMRT 3432	Recreation Management Practicum II	2
RMRT 3463	Recreation Program and Event Planning	3
RMRT 4463	Areas and Facilities In Leisure Services	3
Select one of the following courses:		
RMRT 4563	Entrepreneurial Recreation Management (or)	3
3 hours of EEE		
RMRT 4680	Internship in Recreation Management (taken with RMRT 4683 in spring or summer only)	9
RMRT 4683	Administrative Documentation in Internship for Recreation Management (taken with RMRT 4680 in spring or summer only)	3
Select one of the following courses:		
RMRT 4943	Grant Writing and Nonprofit Management	3
or RMRT 4713	Campus Recreation, Intramurals, and Sport	
Hours Subtotal		46
Electives		
Select 14 hours RMRT and/or hours from the approved discipline areas with at least 9 hours upper division courses		14
Approved discipline areas include:		
AGED, BIOL, ECON, EPSY, GEOG, GEOL, HDFS, HLTH, HTM, MGMT, MKTG, NREM, PBIQ, POLS, HESA, SOC		

Hours Subtotal	14
Total Hours	120

Other Requirements

- 40 hours of upper-division course work.
- Required for graduation:
 - a. 2.00 Overall GPA;
 - b. 2.50 GPA in major for enrollment in RMRT 4680 Internship in Recreation Management; and
 - c. 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.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.

Recreation Management and Recreational Therapy: Recreational Therapy, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH 1513	College Algebra (A)	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1314 or CHEM 1215	Chemistry I (LN) Chemical Principles I (LN)	4
<i>Social & Behavioral Sciences (S)</i>		
Course designated (S)		6
Recommended:		
PSYC 1113	Introductory Psychology (S)	
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		6
Hours Subtotal		41
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
HDFS 2113	Lifespan Human Development (S)	3
HHP 2654	Applied Anatomy	4

RMRT 3010	Leisure Services Workshop (Psychomotor Development)	2
RMRT 3473	Medical Procedures For Recreational Therapy	3
(taken concurrently with RMRT 3480)		
PSYC 3443	Abnormal Psychology (S)	3
Select one of the following:		3
STAT 2013	Elementary Statistics (A)	
STAT 2023	Elementary Statistics for Business and Economics (A)	
STAT 2053	Elementary Statistics for the Social Sciences (A)	
BIOL 3204	Physiology	4
Hours Subtotal		23
Major Requirements		
Minimum GPA of 2.50 with a minimum grade of "C" or "P" in each course		
<i>Program Core (19 hours)</i>		
RMRT 2413	Introduction To Leisure Services	3
RMRT 2443	Contemporary Issues in Diversity (DS)	3
RMRT 2463	Laboratory In Leisure Services	3
RMRT 2473	Foundation of Leisure Service Leadership	3
RMRT 4433	Evaluation of Leisure Services	3
RMRT 4481	Senior Seminar In Leisure Services	1
RMRT 4493	Administration of Leisure Services	3
<i>RT Option Requirements (31 hours)</i>		
RMRT 2433	Introduction to Recreational Therapy	3
RMRT 3413	Recreational Therapy and Mental Illness/ Intellectual Disabilities	3
RMRT 3423	Recreational Therapy In Geriatric Practices	3
RMRT 3433	Recreational Therapy and Physical Disabilities	3
RMRT 3441	Warm Water Therapy Lab	1
RMRT 3480	Junior Internship (3-6 hours)	6
RMRT 4480	Internship in Recreational Therapy (6 to 9 hours taken with RMRT 4483 in Spring or Summer only)	6
RMRT 4483	Administrative Documentation in Internship for Recreational Therapy (taken with RMRT 4480 in Spring or Summer only)	3
RMRT 4933	Advanced Methods In Recreational Therapy	3
RMRT 4010	Directed Studies in Leisure (Recreational Therapy Practice in ECE)	3
Select 3 hours of electives from the following:		3
Upper division RMRT courses and/or		
EPSY 3113	Psychological Foundations of Childhood	
EPSY 3413	Child and Adolescent Development	
EPSY 4063	Exploration of the Creative Experience	
HDFS 2233	Development of Creative Expression, Play and Motor Skills in Early Childhood	
HDFS 3203	Children's Play: A World Perspective (I)	
HDFS 3413	Infant and Child Development	
HDFS 3423	Adolescent Development in Family Contexts (S)	

Hours Subtotal	56
Total Hours	120

Other Requirements

- 40 hours of upper-division course work.
- Required for graduation:
 - a. 2.00 Overall GPA;
 - b. 2.50 GPA in major for enrollment in RMRT 4480 Internship in Recreational Therapy; and
 - c. 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.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.

Recreation Management and Recreational Therapy (RMRT), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Tim Passmore, School of Kinesiology, Applied Health and Recreation, 181 Colvin Center, 405-744-1811

Minimum Overall Grade Point Average: 2.50 with no grade below "C."
Total Hours: 21 hours

Code	Title	Hours
Minor Requirements		
RMRT 2413	Introduction To Leisure Services	3
RMRT 2473	Foundation of Leisure Service Leadership	3
RMRT 3431	Recreation Management Practicum I	1
RMRT 3432	Recreation Management Practicum II	2
RMRT 3463	Recreation Program and Event Planning	3
RMRT 4433	Evaluation of Leisure Services	3
Select 6 hours of RMRT electives (one course must be 4000-level, no credit for Leisure/Activity courses) in consultation with RMRT faculty or Education advisor		6
Total Hours		21

Additional OSU Requirements

Undergraduate Minors

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

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

Sports and Coaching Science (COAS), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Education Student Academic Services, 101 Human Sciences,
405-744-5053

Minimum Overall Grade Point Average: 2.50 with no grade below "C."

Total Hours: 19 hours

Code	Title	Hours
Minor Requirements		
HHP 1703	Introduction to Exercise Science	3
HHP 2553	Basic Athletic Injury Management	3
HHP 3133	Sport Supplements For Human Performance	3
HHP 3553	Theory and Practice of Coaching	3
HHP 3883	Coaching Internship	3
HHP 4124	Principles of Strength and Conditioning	4
Total Hours		19

Additional OSU Requirements

Undergraduate Minors

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

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

School of Teaching, Learning and Educational Sciences

Shelbie Witte, PhD—Chuck and Kim Watson Endowed Chair and School Head

The School of Teaching, Learning and Educational Sciences develops outstanding education professionals and school psychologists who have the confidence and demonstrated competence to be leaders, advocates, and agents of change in regional, national and world communities. We employ and model authentic, engaging methods and innovative, collaborative practices to develop scholars, especially teachers, teacher educators and school psychologists who are transformative leaders and reflective practitioners adept at using creative and effective methods to foster productive and just communities. Programs in the School of Teaching, Learning and Educational Sciences (STLES) include curriculum studies, elementary education, gifted and talented education, secondary education, literacy education, science/mathematics education, special education and school psychology. Consistent with the University's Professional Education unit conceptual framework, all programs leading to teacher certification at both initial and advanced levels incorporate the L.E.A.D.S. framework based on leadership, ethics and professionalism, academic and professional roles, diversity and service orientation/ community outreach. Graduate program goals in STLES focus on the concepts of agency, pedagogy, diversity and research.

Course Prefixes

Most courses in STLES programs carry the CIED (Curriculum and Instruction) prefix. Other course prefixes include CTED (Career and Technical Education), GTED (Gifted and Talented Education), LLCE (Language, Literacy & Culture), SPED (Special Education), SMED (Science/Mathematics Education), and SPSY (School Psychology).

Undergraduate Programs

- Jill Metzger, MS—Clinical Instructor and Elementary Education Coordinator
- Shanedra Nowell, PhD—Associate Professor and Secondary Education Coordinator

The School offers undergraduate degrees in elementary, secondary, and K-12 education. The Bachelor of Science in Elementary Education degree qualifies the student for an Oklahoma elementary teaching certificate (grades 1-8). The program is intended to provide students with:

- a breadth of knowledge reflecting the broad traditions of general education, and
- a depth of knowledge in the area of specialization.

The degree includes four field experiences, culminating in a full-semester clinical internship, through which students work in diverse school settings and demonstrate and strengthen their pedagogical knowledge. This degree is offered on both the Stillwater and Tulsa campuses. Stillwater students can apply to the ExCEL experience, providing site-based coursework in Stillwater elementary schools for the final two semesters of enrollment. The culminating clinical internship placement opportunities include placement in accredited schools in Stillwater and the surrounding area or international placement. All students complete a Professional Portfolio with three separate submissions. It should be noted that all previous coursework must be successfully completed prior

to participation in the final two semesters. Oklahoma certification also mandates the Certification Examinations for Oklahoma Educators.

The Bachelor of Science in Secondary or K-12 Education degree is designed to prepare teacher candidates who are life-long learners, emerging professionals and subject matter specialists with strong liberal arts backgrounds. Each secondary/K-12 degree and certification program includes general education courses, extensive specialization coursework in the discipline area, and professional education courses accompanied by school-based field experiences. Degree options leading to certification for teaching grades 5-12 are English and social studies. The foreign language option leads to certification in grades K-12. Secondary science and mathematics education students pursue degrees from the College of Arts and Sciences through the OSU Teach program. Students complete a Professional Portfolio with three separate submissions. Oklahoma certification also mandates the Certification Examinations for Oklahoma Educators.

Programs/Areas of Emphasis Degrees

Degrees offered through STLES programs include Bachelor of Science (BS), Master of Arts in Teaching (MAT), Master of Science (MS), Education Specialist (EdS), and Doctor of Philosophy (PhD).

Elementary Education

- Elementary Education - BS, MAT

Secondary Education

- Secondary Education
 - English - BS
 - Social Studies - BS
 - Foreign Language - BS
- OSU Teach
- Secondary Mathematics - MAT
- Secondary Science - MAT

Teaching, Learning, and Leadership

- College Teaching - GRCT
- Effective Teaching in Secondary Schools - GRCT
- Effective Teaching in the Elementary School - GRCT
- Curriculum and Leadership Studies - MS
- Elementary, Middle, Secondary Education, or K-12 - MS
- Math/Science Education - MS
- Reading/Literacy - MS
- Special Education - MS

PhD in Education

- Curriculum Studies - MS, PhD
- Language, Literacy, and Culture - PhD
- Mathematics Education - PhD
- Science Education - PhD
- Special Education - PhD

School Psychology

- School Psychology - EdS, PhD

Undergraduate Programs

- Elementary Education, BS (p. 1511)
- Secondary Education: English, BS (p. 1514)
- Secondary Education: Foreign Language, BS (p. 1516)
- Secondary Education: Social Studies, BS (p. 1518)

No results were found.

- Public School Support Specialist for Children At-Risk (PSSC), Minor (p. 1513)
- Special Education (SPED), Minor (p. 1520)

Graduate Programs

The School offers graduate degree programs at the master's and doctoral levels. While specialization is required, maximum program flexibility enables students to meet individual goals. Programs are designed to prepare persons to enter public or private elementary and secondary schools as teachers or school psychologists, curriculum directors, department heads, reading/literacy specialists and instructional leaders or enter other educational institutions and community agencies as educational leaders. Doctoral programs provide preparation for university teaching and research, as well as for P-12 roles, such as curriculum administrators.

Programs in the School offer the Master of Science (MS) in Teaching, Learning, and Leadership, Master of Arts in Teaching (MATT), Master of Science in School Psychology, a Graduate Certificate in College Teaching, an education Specialist in School Psychology, a Doctor of Philosophy in School Psychology, and a Doctor of Philosophy (PhD) in Education.

Master of Science in Teaching, Learning and Leadership (TLL)

Donita Shaw, PhD—Associate Professor and TLL Degree Coordinator

A student may earn the degree of Master of Science (MS) in Teaching, Learning, and Leadership. Students specialize in several areas highlighted below as TLL options. All options include at least one research course. Students planning an emphasis in K-12, secondary education, or math/science education may incorporate graduate coursework from an academic discipline. The master's degree program is also frequently designed to qualify graduates for certification in a specific area.

The *Curriculum and Leadership Studies* option provides a sound foundation in curriculum knowledge including the social, philosophical, ethical, political, historical and psychological aspects of curriculum, curriculum planning, pedagogy and curriculum leadership. The degree program will deepen one's knowledge of curriculum and will prepare graduates for positions as curriculum leaders, curriculum planners, curriculum administrators, curriculum consultants, teacher leaders and teacher researchers. Program content will benefit those teachers pursuing National Board Certification. Many classes are offered on both Stillwater and Tulsa campuses.

The *Elementary, Middle, Secondary, or K-12* option (EMSK12) provides choices for students to include coursework to enhance their understanding of teaching and learning at their chosen level, and in the case of secondary or K-12 to include content area coursework.

The *Gifted and Talented Education* option is designed to broaden understandings of giftedness and showcase evidence-based curriculum and instruction. The option is designed to develop practitioners who have the skills to advocate for the needs of gifted and talented students and who will place a focus on the development of quality gifted programming. Courses are offered primarily on the Tulsa campus in a cohort model. Students who complete the coursework requirements can be recommended to the Oklahoma State Department of Education for P-12 Gifted Specialist certification.

The *Math/Science Education* option provides extended coursework in both content area and pedagogy as students take courses in math or science education and additional math or science courses through the College of Arts and Sciences. The option also includes coursework integrating math and science pedagogy so that graduates will be skilled in content integration between the two areas. The option is designed to prepare teacher leaders in math education and/or science education. This option asks applicants to either hold an undergraduate major or minor in mathematics or science or post a satisfactory score on the quantitative portion of the Graduate Record Exam.

The *Reading and Literacy* option provides students with experiences to develop knowledge of comprehensive, P-12 literacy curriculum and instruction including regular and intensive reading instruction, literacy assessment and evaluation, language arts/writing instruction, and the roles of children's literature. The program also supports candidates' development in the areas of education theory and research, curriculum design, creating literate environments, appreciating and including diverse learners, and providing quality professional development as program administrators or literacy coaches. Students who complete the Reading Specialist requirements can be recommended to the Oklahoma State Department of Education for P-12 Reading Specialist certification.

The *Special Education* option is designed to prepare educators to work effectively with children and youth with mild to moderate disabilities. The option encompasses two primary pathways: Advanced Educator and Initial Certification. The option is also delivered in a "bootcamp" format on the Tulsa campus with new cohort groups admitted to a set sequence of classes designed for degree completion in four semesters. Classes are scheduled during evenings and weekends, and can be taken on a part-time or full-time basis. Classes utilize a variety of instructional formats including face-to-face classroom interaction, compressed video and hybrid design, where instruction includes both classroom interaction and online learning. To be eligible for state certification, students must pass Teacher Certification Examinations.

The *Workforce and Adult Education* option is flexible in content coverage, offering coursework appropriate for a wide range of people, including Career Tech educators, technical educators and other personnel in higher education, career and occupational counselors, adult trainers in business and industry, and workforce development professionals from all fields. Courses are offered using a variety of delivery options, including evening face-to-face classes, two-way video broadcast, online and weekends. Many classes are offered on both the Stillwater and Tulsa campuses.

Master of Arts in Teaching (MAT)

Jennifer Cribbs, PhD – Associate Professor and MAT Degree Coordinator

The school offers a Masters of Arts in Teaching degree with options in Elementary Education (grades 1-8), Secondary Mathematics (grades 6-12), and Secondary Science (grades 6-12). The purpose of the Master of Arts in Teaching program are to provide high-quality instruction to graduate students who are seeking to continue their education and

seeking initial teaching certification. The objectives are to develop elementary, secondary and PK-12 teachers' understanding of the roles and responsibilities of teachers and manage a diverse classroom, ability to design and implement curriculum that addresses the needs of students with special needs and linguistically/culturally diverse students, understanding of a variety of instructional and assessment strategies to meet diverse learners' needs, and confidence in abilities to teach in PK-12 classroom through high-quality field experiences. Extensive specialization coursework is offered in each discipline area and the program culminates with a full 15-week clinical internship (student teaching) experience through which students work in diverse school settings and demonstrate and strengthen their pedagogical knowledge. Additionally, students participate in at least 60 hours of field experience prior to student teaching. All students complete a Professional Portfolio with three separate submissions. It should be noted that all previous coursework must be successfully completed prior to participation in the final semester. Oklahoma certification also mandates the Certification Examinations for Oklahoma Educators.

Master of Science in School Psychology

A degree in educational psychology with an option in school psychometrics is awarded to students who are en route for either the EdS or PhD degree in school psychology. Students must be admitted to the EdS or PhD program to receive the MS. (Students are not admitted directly to the MS degree.)

College Teaching Graduate Certificate

College Teaching Graduate Certificate is housed in Curriculum Studies Program at School of Teaching, Learning and Education Studies. It is a stand-alone certificate program to help current college and university faculty (including both full-time and part-time faculty as well as graduate teaching assistants who have college teaching assignments) develop and improve knowledge, skills, and capacities for successful college teaching, as well as advance their teaching vision, philosophy and adaptability in a rapidly changing society at a range of institutions of higher education. Credit hours successfully completed are transferable to Curriculum Studies options in MS and PhD degree.

Graduate Certificate for Effective Teaching in Secondary Schools

The Graduate Certificate for Effective Teaching in Secondary Schools is housed in the Secondary Education Program at School of Teaching, Learning and Education Studies. It is a stand-alone certificate program to help alternatively-certified teachers develop and improve knowledge, skills, and capacities for successful teaching, classroom management, content pedagogy, and reflection on professional practice. Credit hours successfully completed are transferable to the EMSK12 options in MS in Teaching, Leadership and Learning.

Education Specialist (EdS) in School Psychology

Brian Poncy, PhD—Associate Professor, EdS Program Training Director

The NASP-approved (National Association of School Psychologists) specialist program is available. The EdS is the appropriate level of training for those who are interested in applying psychology to a variety of child-related learning and adjustment problems, and for the improvement of children's mental health in school settings. Specialist-level school psychologists typically work in school systems and function

in diverse roles including consultation, psychological and psycho-educational assessment, and intervention to facilitate success for all children. The EdS program at OSU is approximately 77 hours, consistent with the NASP standards for training, and meets the Oklahoma State Department of Education certification requirements. Successful completion of this program leads to eligibility for certification by the Oklahoma State Department of Education as a school psychologist and also the NASP National Certification in School Psychology (NCSP). Applications for the EdS program are due February 1 for consideration for admission the following semester.

PhD in School Psychology

Gary Duhon, PhD—Professor and PhD Program Training Director

The doctoral program in school psychology is accredited by the American Psychological Association and approved by the National Association of School Psychologists. The program follows the scientist/practitioner model that emphasizes the application of the scientific knowledge and methodological rigor in the delivery of school psychological services and in conducting research. Training in the scientist/practitioner model is for the purpose of developing a Science-Based Child/Learner Success orientation in students. Doctoral-level school psychologists function in diverse and important roles including consultation, assessment, intervention therapy, supervision, program evaluation and research to facilitate success for all learners. They add to the understanding of children and their families by contributing to the scientific knowledge base related to all aspects of child development. They are employed in many different settings including elementary and secondary schools, private practice, university, hospitals and mental health centers. School psychologists work with diverse populations and provide psychological services to children, youth, families, caregivers, school personnel, adult learners and individuals with special needs, as well as to the systems in which these individuals need to be successful. Applications for the PhD program in school psychology are due by January 1 for the following fall enrollment.

Doctor of Philosophy in Education

Students in the Doctor of Philosophy in Education program critically analyze teaching and learning in different contexts both inside and outside of school, explore how these processes are embedded in wider social, political and economic contexts, and envision the possibilities for improving teaching and learning. To this end, the program has an emphasis on the critical production of research with the intent that graduates from this program will contribute to their scholarly fields while addressing the needs of the state of Oklahoma, the country and the larger global community. The integration of seven degree options—Curriculum Studies; Educational Technology; Language, Literacy, and Culture; Mathematics and Science Education; Professional Education Studies; Social Foundations of Education; and Workforce and Adult Education—provides a conceptually coherent doctoral program in which students and faculty explore teaching and learning in new ways within various cultural milieus, such as the family, occupations, public schools and universities. The Ph.D. degree, with options housed in two Schools within the College of Education, Health and Aviation, prepares researchers and leaders to serve in professional positions in universities, P-12 schools, career and technical schools, research agencies, policy agencies and other educational settings (such as museums, educational publishing, and curriculum development).

The *Curriculum Studies* option's mission is to educate scholars with a deep understanding and ability to create and use knowledge of

curriculum studies in the field of education and in other scholarly communities interested in the advancement of education at the state, national, and international levels. In articulating the field of curriculum studies, it is important to acknowledge the broadest views of curriculum, including content and organization of school, the social context in which school is situated, and the process of education both in and out of school. Curriculum studies is understood as both a disciplinary and an interdisciplinary field of study with its own distinctive history, conceptions, and modes of inquiry, always open to new scholarship. Curriculum theorizing, curriculum development and assessment, pedagogy, curriculum inquiry, curriculum history, leadership and advocacy, critical media literacy, teacher research, and intercultural and international dialogue are all part of the scholarship of curriculum studies in the program. Particular attention is also devoted to those absent from typical curriculum decision making; curriculum studies is concerned with issues of equity, access, and voice. This option is housed in the School of Teaching, Learning and Education Sciences.

The *Educational Technology* option focus is on the core areas of the field: design, development, utilization, production and evaluation of instructional systems, human computer interaction and technology applications to support learning and teaching. The doctoral program emphasizes research using educational technology in applied settings. The Ph.D. in Education/Educational Technology prepares future researchers for a variety of professional positions. Graduates are typically employed as university faculty, educational or instructional technology specialists in universities, community colleges and schools, or as training managers or instructional designer/developers in corporate settings. This option is housed in the School of Educational Foundations, Leadership and Aviation (SEFLA).

The *Mathematics Education* option prepares students to conduct research on teaching and learning mathematics at the P-12 level. Research may focus on a variety of aspects of teaching and learning mathematics including the affective domain and employ a wide variety of quantitative, qualitative or mixed methods. Graduates are prepared to teach a broad range of mathematics education courses at both the undergraduate and graduate levels and are qualified for faculty positions in community colleges or secondary teacher education programs as well as other mathematics education leadership positions. This option is housed in the School of Teaching, Learning and Education Sciences.

The *Language, Literacy, and Culture* option focuses on the intersection of theory, research, practice and policy in the examination of language, literacy and culture from early childhood through adulthood recognizing the centrality of literacy in promoting equitable opportunities in our global society. Students explore language and literacy demands across diverse contexts and across social movements to promote equity and honor linguistic and socio-cultural diversity as cultural capital. Specializations in this option include reading, writing and New Literacies; English education; children's and adolescent literature; and world language education. This option is housed in the School of Teaching, Learning and Education Sciences.

The *Professional Education Studies* option is intended to develop scholars of educational theory and research who advance knowledge fundamental to teaching and learning in a diverse and global society and fundamental to social justice and equity in education. Diverse perspectives include but are not limited to in-depth study of theories used to advance social justice and equity in education, teaching and learning; analyses of diverse teaching and learning contexts; application of inquiry-based teaching-learning theory; use of research methodologies (qualitative, quantitative, mixed methods and conceptual/theoretical methodologies)

for studies in education; and conceptualization and reconceptualization of the meaning and value of social justice and equity in education, teaching, learning and teaching-learning contexts. This option is housed in the School of Teaching, Learning and Education Sciences. Maximum flexibility is provided for students to develop a specialization that meets their scholarly interests and career goals. Special Education is one specialization/emphasis area available in this option.

The *Science Education* option prepares students to conduct research on teaching and learning science at the P-12 level, and beyond. Research may focus on a variety of aspects of teaching and learning science and employ a wide variety of quantitative, qualitative or mixed methods. Graduates are prepared to teach a broad range of science education courses at both the undergraduate and graduate levels and are qualified for faculty positions in community colleges or secondary teacher education programs as well as other science education leadership positions. This option is housed in the School of Teaching, Learning and Education Sciences.

The *Social Foundations* option is intended to prepare future scholars and educators to employ a number of different disciplinary perspectives to analyze critically and evaluate policies and practices within and outside education to understand better how such policies and practices shape educational institutions. This approach is intended to heighten students' abilities to examine, understand and explain educational arrangements, processes and practices to develop a disciplined sense of policy-oriented educational responsibility. Scholars in social foundations are expected to contribute to advancing the educational enterprise at national and international levels. This option is housed in the School of Educational Foundations, Leadership and Aviation (SEFLA).

The *Workforce and Adult Education* option is intended to strengthen research activities for improving practice in occupational education, provide graduate programs that reflect transformative roles in occupational education and the workplace, strengthen leadership and outreach services to the discipline, expand activities in international workforce development, and strengthen the cultural diversity in the field of occupational education studies. The focus is to prepare persons for leadership positions in higher education; international occupational education and workforce development organizations; national, state and community agencies; as well as public and private educational institutions. This option is housed in the School of Teaching, Learning and Education Sciences.

General Program Requirements, Application Procedures and Financial Aid Master's Program

TLL master's degree options requires a minimum of 36 hours of coursework. In addition to coursework students take a comprehensive exam and complete either a Creative Component or Thesis. The Creative Component can take a variety of forms, as approved by the Advisory Committee, from an advanced paper to a creative demonstration of expertise gained through the degree. The thesis is original research. The student's Advisory Committee (three members) assists the student through all aspects of the program. Application to the Graduate College precedes program admission decisions. For unqualified admission an applicant must have completed an undergraduate degree in Education or a related field and must submit a curriculum vita and goals statement aligned with the option area chosen. Option areas have minimum grade-

point requirements for the undergraduate degree and may have additional materials that make up the admissions packet.

Doctoral Program

The Doctor of Philosophy (PhD) degree requires a minimum of 69 semester hours beyond the master's degree. Application to the Graduate College precedes program admission decisions. For program admission, candidates submit scores from the Graduate Record Exam or the Miller Analogies Test, a Statement of Goals and Objectives, references and examples of written expression. An interview may be required. To enter candidacy, students must pass a qualifying exam. Candidates conduct independent, original research reported through a dissertation. The student's Advisory Committee (four members) assists the student through all aspects of the program.

Financial Aid

Some support is available each year for research assistantships and for qualified graduate students to assume teaching responsibilities in the undergraduate curriculum. Interested persons are encouraged to apply at any time. Applications can be obtained from the School of Teaching, Learning and Education Sciences.

Faculty

Shelbie Witte, PhD, Professor—School Head

Professors: Gary Duhon, PhD; Pamela Fry, PhD; Christine Ormsbee, PhD; Donita Massengill Shaw, PhD; Terry Stinnett, PhD; Juliana Utley, PhD; Hongyu Wang, PhD; Qiuying Wang, PhD; Shelbie Witte, PhD; Virginia Worley, PhD

Associate Professors: Julie Angle, PhD; Toni Ivey, PhD; Shanedra Nowell, PhD; M. Sue Christian Parsons, PhD; Brian Poncy, PhD; Jennifer Sanders, PhD; Adrienne Redmond-Sanogo, PhD; Sheri Vasinda, EdD

Assistant Professors: Penny Cantley, PhD; Adam Crawley, PhD; Jennifer Cribbs, PhD; Sarah Donovan, PhD; Erin Dyke, PhD; Ryan Farmer, PhD; Candace Gann, PhD; Stephanie Hathcock, PhD; Jon Smythe, PhD; Joe Terantino, PhD; Karen Zwanch, PhD

Clinical Associate Professors: Gayla Foster, PhD

Clinical Assistant Professors: Claudia Otto, PhD

Clinical Instructors: Natalie Edwards, MS; Jill Metzger, MS; Amy Olson, MS; John Weaver, MS

Elementary Education, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.75

Total Hours: 124

Code	Title	Hours
General Education Requirements		
*Minimum grade of "C" or "P" in each course		
*Minimum GPA 2.75 required in combination with Major Requirements		
*Certification requirements that meet GE requirements		
<i>English Composition courses*</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following courses*:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following courses*:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
Select 6 hours of the following courses*:		6
MATH 1483	Mathematical Functions and Their Uses (A)	
MATH 1493	Applications of Modern Mathematics (A)	
MATH 1513	College Algebra (A)	
MATH 1613	Trigonometry (A)	
MATH 2103	Business Calculus (A)	
MATH 2144	Calculus I (A)	
STAT 2013	Elementary Statistics (A)	
<i>Humanities (H)</i>		
Select one of the following courses*:		3
ENGL 2413	Conversations in Literature (DH)	
ENGL 1923	Great Works of Literature (H)	
ENGL 2883	Survey of American Literature II (DH)	
Select one of the following courses*:		3
ART 1503	Art History Survey I (H)	
ART 1513	Art History Survey II (H)	
MUSI 2573	Introduction to Music (H)	
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course*		
BIOL 1114	Introductory Biology (LN)	4
CHEM 1014	Chemistry In Civilization (LN)	4
or PHYS 1014	Descriptive Physics (N)	
Select one of the following courses*:		4
GEOG 1114	Physical Geography (LN)	

GEOL 1014	Geology and Human Affairs (LN)	
GEOL 1114	Physical Geology (LN)	
<i>Social & Behavioral Sciences (S) courses*</i>		
GEOG 1113	Introduction to Cultural Geography (IS)	3
or GEOG 1713	World Regional Geography (IS)	
or GLST 1713	World Regional Geography (IS)	
PSYC 1113	Introductory Psychology (S)	3
or SOC 1113	Introductory Sociology (S)	
<i>Additional General Education</i>		
Select one of the following courses*:		3
ENGL 2243	Language, Text and Culture (HI)	
ENGL 2513	Introduction to Creative Writing (H)	
SPCH 2713	Introduction to Speech Communication (S)	
Hours Subtotal		45
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
EDUC 1111	First Year Seminar	1
Select 10 hours of electives (3 hours may need to be foreign language)		10
Hours Subtotal		11
Major Requirements		
Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course		
CIED 3133	Children's Literature Across the Curriculum	3
CIED 3253	Teaching Language Arts in the Elementary and Middle School	3
CIED 3293	Teaching Reading in the Elementary and Middle School	3
CIED 4213	Introduction to Visual Arts in the Curriculum	3
CIED 4233	Literacy Assessment and Instruction	3
HLTH 2603	Total Wellness (S)	3
MATH 3403	Geometric Structures for Early Childhood and Elementary Teachers	3
MATH 3603	Mathematical Structures for Early Childhood and Elementary Teachers	3
SMED 3153	Teaching Mathematics at the Primary Level	3
Taken as a block semester prior to student teaching:		
CIED 3430	Early Lab and Clinical Experience in Elementary Education II ¹	1
CIED 4323	Social Studies in the Elementary School Curriculum ¹	3
CIED 4362	Design and Management of the Elementary School Classroom ¹	2
CIED 4073	Elementary School Curriculum Design and Development ¹	3
SMED 4153	Teaching Mathematics at the Intermediate Level ¹	3
SMED 4353	Science in the Elementary School Curriculum ¹	3
Hours Subtotal		42

Professional Core Requirements

Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course

CIED 2450	Early Lab and Clinical Experience in Elementary Education I (1 hour)	1
CIED 3622	Middle Level Education	2
EDTC 3123	Applications of Educational Technologies	3
EPSY 3113	Psychological Foundations of Childhood	3
SCFD 3223	Role of Teacher in American Schools (D)	3
SPED 3202	Educating Exceptional Learners (D)	2
<i>Student Teaching Block</i>		
CIED 4453	Senior Seminar in Elementary Education ¹	3
CIED 4450	Internship in Elementary Education ¹	9
Hours Subtotal		26
Total Hours		124

¹ Full admission to Professional Education required.

Other Requirements

- 40 hours of upper-division coursework. Required for graduation and recommendation for Standard Certification:
 - a. 2.75 Overall GPA;
 - b. 2.75 GPA in Major Requirements and specified general education requirements; and
 - c. 2.75 GPA in Professional Core Requirements.
- The student must earn minimum grades of "C" or "P" in each course in the Major Requirements and specified General Education 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 Office of Educational Quality and Accountability. 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 2026.

Public School Support Specialist for Children At-Risk (PSSC), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Terry Stinnett, Ph.D., School of Teaching, Learning and Educational Sciences, 245 Willard, 405-744-9456

Minimum Overall Grade Point Average: A grade of "C" or better must be obtained for all minor courses.

Total Hours: 15 hours

Code	Title	Hours
SPED 3683	Models of Instruction in the Inclusive Classroom	3
SPSY 3423	Psychology of Learning Disorders: Characteristics, Identification, and Procedures in Public Schools	3
SPSY 3433	Disruptive Behavior in Public Schools: ADHD and ODD	3
SPSY 3513 or SPED 4753	Behavior Management for Teachers of Diverse Learners Techniques of Behavior Management and Counseling with Exceptional Individuals	3
SPSY 3523	Public School Support Specialist for Children At-Risk	3
Total Hours		15

Additional OSU Requirements

Undergraduate Minors

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

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

Secondary Education: English, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 124

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I ¹	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II ¹	
ENGL 1413	Critical Analysis and Writing II ¹	
ENGL 3323	Technical Writing ¹	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT	course designated (A)	3
<i>Humanities (H)</i>		
Minimum grade of "C" or "P" in each course		
ENGL 2453	Introduction to Film and Television (H) ¹	3
ENGL 2963	Survey of Nonwestern Traditions (HI) ¹	3
<i>Natural Sciences (N)</i>		
Courses designated (N) with one (L)		8
<i>Social & Behavioral Sciences (S)</i>		
Courses designated (S)		3
Suggested (in consultation with advisor for this area):		
SOC 4383	Social Stratification (S)	
or SOC 3133	Racial and Ethnic Relations (DS)	
<i>Additional General Education</i>		
Minimum grade of "C" or "P" in each course		
SPCH 2713	Introduction to Speech Communication (S) ¹	3
Courses designated (A), (H), (N), or (S)		5
Recommended:		
PHIL 1313	Logic and Critical Thinking (A)	
or PHIL 3003	Symbolic Logic (A)	
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1

Select 5 hours of electives		5
3 hours may need to be foreign language		
Hours Subtotal		6
Major Requirements		
Minimum GPA 2.75 with a minimum grade of "C" or "P" in each course		
EDUC 4110	Professional Education Seminar (Teaching Culturally & Linguistically Diverse Learners)	3
ENGL 2543	Survey of British Literature I (H)	3
ENGL 2653	Survey of British Literature II (H)	3
ENGL 2773	Survey of American Literature I (H)	3
ENGL 2883	Survey of American Literature II (DH)	3
ENGL 3183	Native American Literature (DH)	3
ENGL 3193	African-American Literature (DH)	3
ENGL 3203	Advanced Composition	3
ENGL 3243	Literary Theory and Criticism	3
ENGL 4013	English Grammar	3
ENGL 4723	Studies in Shakespeare (H)	3
ENGL 4320	Contemporary Literature	3
Select an ENGL 4000 level course in Literature before 1800		3
Recommended Courses:		
ENGL 4100	Studies in Medieval British Literature	
ENGL 4110	Studies in 16th Century British Literature	
ENGL 4120	Studies in 17th Century British Literature	
ENGL 4130	Studies in 18th Century British Literature	
ENGL 4600	Studies in Chaucer or Milton	
ENGL 4700	Single Author or Work Pre-1800	
Hours Subtotal		39
Professional Core Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4093	Teaching Grammar in the Secondary Schools	3
CIED 4193	Teaching Writing in the Secondary Schools	3
CIED 4313	Young Adult Literature	3
CIED 4473	Reading for the Secondary Teacher ²	3
CIED 4713	Teaching and Learning in the Secondary School (Fall Semester prior to Student Teaching) ²	3
EDTC 3123	Applications of Educational Technologies	3
EPSY 3213	Psychology of Adolescence	3
SCFD 3223	Role of Teacher in American Schools (D)	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School (semester prior to Student Teaching) ²	4
CIED 4720	Internship in the Secondary Classroom (Student Teaching) ²	6
Hours Subtotal		39
Total Hours		124

- ¹ Minimum GPA 2.75 required in combination with Major Requirements. Certification requirements that meet GE requirements.
- ² Full admission to Professional Education required.

Other Requirements

- 40 hours of upper-division coursework.
- Required for graduation and recommendation for Standard Certification:
 - a. 2.50 Overall GPA;
 - b. 2.75 GPA in Major Requirements and specified general education courses; and
 - c. 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 Office of Educational Quality and Accountability.
- 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 2026.

Secondary Education: Foreign Language, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 124

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
Course designated (H)		6
<i>Natural Sciences (N)</i>		
Courses designated (N) with one (L)		8
<i>Social & Behavioral Sciences (S)</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
CIED 4133	Introduction to K-12 English Language Learners	3
Select 8 hours		8
Recommended:		
EPSY 4223	Psychological Foundations of Learning and Instruction	
HIST 3273	Modern Europe Since 1914 (HI)	
HIST 3463	Modern Latin America (HI)	
PHIL 1313	Logic and Critical Thinking (A)	

POLS 3143	European Politics (I)	
POLS 3193	Latin American Politics (IS)	
SPCH 4753	Intercultural Communication (I)	
Hours Subtotal		12
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
Select a Major Language Core and Upper-division Electives (p. 1516)		21
<i>Language Emphasis Electives</i>		
19 hours of Lower and Upper Division courses from one emphasis language: French (FREN), German (GRMN), or Spanish (SPAN). (5 hours of the 19 hours may be from any language.)		19
Hours Subtotal		40
Professional Core Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4813	Second Language Acquisition Research and Pedagogy	3
CIED 4823	Foreign Language Instruction, Curriculum, and Assessment: Grades PK-12 (Fall Semester prior to Student Teaching)	3
EDTC 3123	Applications of Educational Technologies	3
EPSY 3413	Child and Adolescent Development	3
SCFD 3223	Role of Teacher in American Schools (D)	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School (semester prior to Student Teaching) ¹	4
CIED 4450	Internship in Elementary Education (Student Teaching) ¹	4
CIED 4720	Internship in the Secondary Classroom (Student Teaching) ¹	4
Hours Subtotal		32
Total Hours		124

¹ Full admission to Professional Education required.

Major Language Core and Upper-division Electives

French

Code	Title	Hours
<i>Major Language Core</i>		
FREN 3203 & FREN 3213	Advanced Written Expression and Advanced Grammar	6
FREN 3463	Advanced Diction and Phonetics	3
FREN 4333	Background of Modern French Civilization	3
<i>Upper-division Electives (2 courses must be literature)</i>		
Select 9 hours of the following:		9
FREN 3073	French Conversation	
FREN 3853	Introduction to Analysis of French Literature	
FREN 4153	History of French Literature I	

FREN 4163	History of French Literature II
FREN 4173	History of French Literature III
FREN 4183	History of French Literature IV
FREN 4550	Directed Studies in French (1-3 hours)
FREN 4573	Modern French Theater
FREN 5110	Advanced Studies in French (1-3 hours)

German

Code	Title	Hours
<i>Major Language Core</i>		
GRMN 3803 & GRMN 3813	Advanced Conversation and Advanced Grammar and Composition	6
GRMN 3463	Advanced Diction and Phonetics	3
GRMN 4333	Backgrounds of Modern German Civilization	3
<i>Upper-division Electives (2 courses must be literature)</i>		
Select 9 hours of the following:		9
GRMN 4343	Modern Germany	
GRMN 4153	Survey of German Literature I	
GRMN 4163	Survey of German Literature II	
GRMN 4513	The Age of Goethe	
GRMN 4523	19th Century German Literature	
GRMN 4543	Contemporary German Literature	
GRMN 4550	Studies in German (1-3 hours)	

Spanish

Code	Title	Hours
<i>Major Language Core</i>		
SPAN 3203 & SPAN 3213	Advanced Conversation and Advanced Grammar and Composition	6
SPAN 3463	Spanish Phonetics and Phonology	3
SPAN 4323 or SPAN 4333	Spanish Peninsular Civilization Latin American Civilization	3
<i>Upper-division Electives (2 courses must be literature)</i>		
Select 9 hours of the following:		9
SPAN 3183	Latin American Survey I	
SPAN 3163	Survey of Peninsular Literature I	
SPAN 3173	Survey of Peninsular Literature II	
SPAN 4123	Hispanic Poetry	
SPAN 4133	Hispanic Prose	
SPAN 4163	Don Quijote	
SPAN 4173	Hispanic Drama	
SPAN 4223	Contemporary Hispanic Literature	
SPAN 4253	Masterpieces of Hispanic Literature I	
SPAN 4263	Masterpieces of Hispanic Literature II	
SPAN 4323	Spanish Peninsular Civilization	
SPAN 4333	Latin American Civilization	
SPAN 4413	Advanced Stylistics (recommended)	
SPAN 4550	Seminar in Spanish (1-3 hours)	
SPAN 5110	Advanced Hispanic Studies (1-3 hours)	

Other Requirements

- 40 hours of upper-division coursework.
- Required for graduation and recommendation for Standard Certification:
 - a. 2.50 Overall GPA;
 - b. 2.50 GPA in Major Requirements and specified general education courses; and
 - c. 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 2026.

Secondary Education: Social Studies, BS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

Minimum Overall Grade Point Average: 2.50

Total Hours: 124

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (p. 885)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
HIST 1483	American History to 1865 (H) ¹	3
POLS 1113	American Government ¹	3
<i>Analytical & Quantitative Thought (A)</i>		
MATH or STAT course designated (A)		3
<i>Humanities (H)</i>		
HIST 1613	Western Civilization to 1500 (H) ¹	3
HIST 1623	Western Civilization after 1500 (H) ¹	3
<i>Natural Sciences (N)</i>		
Courses designated (N) with one (L)		8
<i>Social & Behavioral Sciences (S)</i>		
GEOG 1113	Introduction to Cultural Geography (IS) ¹	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		8
Hours Subtotal		40
Diversity (D) & International Dimension (I)		
May be completed in any part of the degree plan		
Select at least one Diversity (D) course		
Select at least one International Dimension (I) course		
College/Departmental Requirements		
Minimum grade of "C" or "P" in each course		
EDUC 1111	First Year Seminar	1
Select 11 hours of electives (3 hours may need to be foreign language)		11
Recommended:		
ANTH 3353	Cultural Anthropology (IS)	
ANTH 4883	Comparative Cultures (IS)	
CIED 4193	Teaching Writing in the Secondary Schools	
CIED 4313	Young Adult Literature	
CIED 4473	Reading for the Secondary Teacher	
EDUC 4110	Professional Education Seminar	
EPSY 4223	Psychological Foundations of Learning and Instruction	

Hours Subtotal		12
Major Requirements		
Minimum GPA 2.50 with a minimum grade of "C" in each course		
<i>Economics</i>		
ECON 2103	Introduction to Microeconomics (S)	3
ECON 2203	Introduction to Macroeconomics	3
<i>Government</i>		
Select 6 hours POLS (POLS 2013, POLS 2113 suggested)		6
<i>Oklahoma History</i>		
HIST 3703	Oklahoma History (DH)	3
<i>Psychology</i>		
PSYC 1113	Introductory Psychology (S)	3
<i>Sociology</i>		
SOC 1113	Introductory Sociology (S)	3
<i>U.S. American History</i>		
HIST 1493	American History Since 1865 (DH)	3
Select 6 upper-division hours of U.S. American HIST		6
Suggested courses:		
HIST 3613	American Colonial Period to 1750 (H)	
HIST 3623	Era of the American Revolution (H)	
HIST 3653	Civil War and Reconstruction, 1850-1877	
HIST 3673	United States History, 1919-45 (DH)	
HIST 3683	United States History Since 1945 (DH)	
<i>Areas</i>		
Select one of the following areas:		12
<i>World History and Geography Area</i>		
Select 3 hours of upper-division World History		3
Suggested courses:		
HIST 3403	East Asia to 1800 (H)	
HIST 3453	Colonial Latin America (H)	
HIST 3483	Reformation Europe, 1517-1648 (H)	
HIST 3503	Medieval Islamic History (H)	
Select 3 hours of Non-Western History		3
Suggested courses:		
HIST 1713	Survey of Eastern Civilization (H)	
GEOG 1713	World Regional Geography (IS)	3
or GLST 1713	World Regional Geography (IS)	
Select 3 hours of Cultural Geography		3
Suggested courses:		
GEOG 3123	Urban Geography (S)	
GEOG 3163	Economic Geography (S)	
GEOG 3173	Cultural Geography (S)	
GEOG 3713	Exploring North America and Diversity (DS)	
<i>Sociology/Psychology Area</i>		
Select 6 hours of Sociology (3 hours must be upper division)		6
Suggested courses:		
SOC 3133	Racial and Ethnic Relations (DS)	
SOC 4383	Social Stratification (S)	
Select 6 hours of Psychology (3 hours must be upper-division)		6
Suggested courses:		
PSYC 3013	Psychology of Motivation	
PSYC 3113	Comparative Psychology (N)	

Hours Subtotal		42
Professional Core Requirements		
Minimum GPA 2.50 with a minimum grade of "C" or "P" in each course		
CIED 3313	Field Experience in the Secondary Schools	3
CIED 4713	Teaching and Learning in the Secondary School (Fall Semester prior to Student Teaching) ²	3
EDTC 3123	Applications of Educational Technologies	3
EPSY 3213	Psychology of Adolescence	3
SCFD 3223	Role of Teacher in American Schools (D)	3
SPED 3202	Educating Exceptional Learners (D)	2
CIED 4724	Classroom Management in the Multicultural PK-12/ Secondary School (semester prior to Student Teaching) ²	4
CIED 4720	Internship in the Secondary Classroom (Student Teaching) ²	9
Hours Subtotal		30
Total Hours		124

- Degrees that follow this plan must be completed by the end of Summer 2026.

¹ Minimum GPA 2.50 required in combination with Major Requirements. Certification requirements that meet GE requirements.

² Full admission to Professional Education required.

Other Requirements

- 40 hours of upper-division coursework.
- Required for graduation and recommendation for Standard Certification:
 - a. 2.50 Overall GPA;
 - b. 2.50 GPA in Major Requirements; and
 - c. 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 specified courses in General Education; 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 Office of Educational Quality and Accountability.
- 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.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Special Education (SPED), Minor

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (p. 884).

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Minimum Overall Grade Point Average: 2.50 with no grade below "C" in SPED courses to be awarded the SPED minor.

Total Hours: 17 hours

Code	Title	Hours
SPED 3202	Educating Exceptional Learners (D)	2
SPED 3623	Characteristics of Students with Mild/Moderate Disabilities	3
SPED 3683	Models of Instruction in the Inclusive Classroom	3
SPED 3743	Planning, Compliance, and Current Practices in SPED	3
SPED 4723	Transition Into Adulthood for Individuals with Disabilities	3
SPED 4753	Techniques of Behavior Management and Counseling with Exceptional Individuals	3
Total Hours		17

Additional OSU Requirements

Undergraduate Minors

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

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