

GENERAL INFORMATION

COLLEGE OF
EDUCATION,
HEALTH &
AVIATION



OSU CLUBS & ORGANIZATIONS

- ▶ Alpha Eta Rho
- ▶ Aviation Professional Fraternity
- ▶ American Association of Airport Executives
- ▶ Education, Health & Aviation Ambassadors
- ▶ EHA Student Council
- ▶ Flying Aggies
- ▶ Health Promotion Club
- ▶ Kappa Delta Pi
- ▶ International Education Honor Society
- ▶ Kappa Kappa Iota
- ▶ Education Honor Society
- ▶ National Science Teachers Association
- ▶ Physical Education Club
- ▶ Recreation Majors Club
- ▶ Recreational Therapy Major Club
- ▶ Student Oklahoma Education Association
- ▶ Women in Aviation

For more information about student organizations, visit campuslink.okstate.edu.

GENERAL INFORMATION

The College of Education, Health & Aviation offers a diverse range of options including teaching, aviation, health and recreation. OSU graduates are prepared for fulfilling careers that enrich the lives of others. Virtually all of our students graduate with practical experience in their field of study.



MAJOR SUMMARIES

AEROSPACE ADMINISTRATION & OPERATIONS

This degree program offers five options: professional pilot; aviation management; aerospace logistics; aerospace security; and technical services management. The professional pilot option prepares students to pilot aircraft for corporations, general aviation and commercial airlines and is conducted under 14 CFR, Part 141.



FACILITIES AND EQUIPMENT

Willard Hall, our college's home located adjacent to Theta Pond, boasts large, state-of-the-art classrooms with SMART interactive whiteboards (some equipped for distance learning). It also has an expansive classic living room, a huge collection of learning materials in the Curriculum Materials Library, and a well-stocked and always staffed Education Technology Center. OSU's Colvin Center, one of the finest student recreation facilities in America, houses recreation management, therapeutic recreation and physical education faculty and classrooms plus the Applied Musculoskeletal and Human Physiology Lab. OSU's Flight Center is home to a fleet of 25 aircraft and includes several recently added Cessna 172 aircraft with Garmin G-1000 instruments. A new, Redbird MCX full-motion flight simulator is also a part of the professional pilot curriculum.

TECH PLAYGROUND

The College is home to a new TECH (Transforming Education through Creative Habits) Playground on the third floor of Willard Hall. The playground provides an environment where students and faculty can explore the latest educational technologies and pedagogies and generate research ideas to transform teaching and learning.

The Aerospace Administration and Operations program has been authorized by the FAA to issue the Restricted Airline Transport Pilot (R-ATP) certificate. The OSU Flight Center at the Stillwater Regional Airport houses our fleet of 27 aircraft where students complete the requirements for private, instrument, commercial and flight instructor certification. The aviation management option prepares students for management positions at airlines, airports and aerospace organizations.

The aerospace logistics option prepares students to work in the military and civilian maintenance, and repair and overhaul facilities worldwide. The aerospace security option prepares students for security careers within government agencies and private industries. education.okstate.edu/aado

APPLIED EXERCISE SCIENCE

This degree program prepares students as professionals in the area of fitness and overall physical health by providing rigorous, science-based curriculum. It offers two options: pre-professional or strength and conditioning. It focuses on interventions and includes courses on exercise physiology, fitness assessment and prescription, biomechanics, strength and conditioning, athletic injury, applied anatomy and ethics in sports administration.

Applied Exercise Science graduates are professionals who collaborate with athletic trainers, physicians, physical therapists, sport coaches and individuals who seek the advice of such specialists. 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 instructing, coaching, fitness facility management and more. education.okstate.edu/aes



CAREER & TECHNICAL EDUCATION

This major is designed for students planning a career teaching a trade, skill or technical skills. These jobs are located in Career and Technical Education Technology Centers or high schools and may be in community colleges, trade and technical schools, or in industry. Our graduates teach both secondary and adult students marketing, business information technology, health occupations, technology education, and trades such as carpentry, culinary arts, welding, and auto mechanics, to name just a few.

A Non-Certification option exists for students, and those graduates do not become certified teachers. They are more likely to teach adults at a community college or technical school, or in industry. The graduate program in this major is routinely ranked in *U.S. News and World Report's* top ten Occupational Education programs in the U.S. education.okstate.edu/oced

LIVING AND LEARNING COMMUNITIES

The College of Education offers the health promotion house and the TEACH house as living learning options for students in these majors, depending on space availability. The health promotion house is in Village E. The TEACH house is in Stinchcomb. Students of all classifications enjoy getting to know faculty outside the classroom in these informal settings.

INTERNATIONAL OPPORTUNITIES AND STUDY ABROAD

Students in the College of Education routinely participate in traditional study-abroad programs and other international opportunities ranging from one week to a semester in length. Teacher education majors can do their student teaching in either Costa Rica or England. In England, the students teach on an American military base, and in Costa Rica, they teach at a private English-immersion school. Our faculty routinely lead weeklong service-learning trips over spring break or in the summer. Scholarships and/or financial aid may be available to help defray the cost. Students work with their adviser beginning their freshman year to plan for these opportunities.

SCHOLARSHIPS

The College of Education offers scholarship support in every major. More than \$450,000 in scholarships is divided among 150-plus students every year. Funding is added frequently for new scholarships to help College of Education students. To see a list of our competitive scholarships, visit education.okstate.edu/scholarships.

ELEMENTARY EDUCATION

This degree is for students interested in teaching grades 1-8. Students will teach all subjects, including math, science, English and social studies. Students will interact with OSU faculty daily, enjoy three separate experiences to teach/shadow in schools and student teach. The last semester of the program is dedicated to student teaching. Students can student teach abroad if they wish. Students will leave Oklahoma State University with a bachelor's degree in elementary education, prepared for the certification exams to teach in the Oklahoma public school systems. education.okstate.edu/elem

HEALTH EDUCATION & PROMOTION

This program prepares students to provide educational, preventive and rehabilitative services in worksites, health care facilities, community agencies, schools/universities, fitness/wellness organizations and governmental agencies. Students choose between options in public health or exercise and health. Students will graduate with classroom knowledge and practical experience due to their semester-long internship during their final semester.

Many students continue graduate study in fields such as health education/promotion, exercise science, public health, athletic training, nursing and physical therapy. Graduates are also eligible to sit for the Certified Health Education Specialist (CHES) exam and the American College of Sports Medicine's Health/Fitness Instructor certification exam.

education.okstate.edu/hepr



PHYSICAL EDUCATION

This major is designed for students interested in teaching Pre-K through 12th grade Physical Education and Health. Students learn to teach and share with others their love of physical activity, sports, exercise, fitness and health through lifelong participation. Courses taken include Applied Anatomy, Exercise Physiology, Biomechanics, Basic Athletic Injury Management, as well as numerous courses on teaching, learning and evaluation.

While not a coaching degree, this degree will make students into better coaches. Students gain hands-on experience in a physical education classroom early in their college career and end with a student teaching experience that includes both elementary and secondary settings. Upon completion of the degree, students are prepared to sit for Oklahoma teacher certification exams. A coaching minor is also available.

education.okstate.edu/phed

RECREATION MANAGEMENT & RECREATIONAL THERAPY

This degree program offers two options: Recreation Management and Recreational Therapy. Recreation Management majors manage recreation and sports programs, events and facilities within corporate, college, civic and military organizations (running intramural sports programs on a college campus, directing a city parks and recreation department, providing recreational programming at a resort, etc.).

CAREER SERVICES

At the institutional level, OSU hosts career fairs throughout the year, seeks out employers, presents workshops and provides free job-search supplies, among other things. In the College of Education, a certified global career development facilitator can assist students with career decision-making, planning and implementation. The consultant meets with students individually, speaks to classes, and organizes special career events such as mock interviews and the teacher job fair. Students are encouraged to contact their college career consultant when assistance is needed.

ABOUT WILLARD HALL

Willard Hall was once a women's residence hall which opened in 1939. Now, it is the state of the art academic facility and home for the College of Education. It serves the instructional, research, and public service needs of the College. Willard is adjacent to Theta Pond and the OSU Student Union.

When it is appropriate, our living room, parlors, and patio are available for special events.



Recreational Therapy prepares students as recreational therapists, an allied health profession that provides treatment/therapy for individuals in hospitals, physical rehabilitation facilities, psychiatric treatment facilities, skilled nursing facilities, public schools, long-term care facilities and private practice. After successful completion of professional testing, graduates achieve the CTRS designation (Certified Therapeutic Recreation Specialist), and are referred to as recreation therapists.

education.okstate.edu/rmtr

SECONDARY EDUCATION

This degree is for students interested in teaching a particular subject in grades 6-12. Students will teach English, foreign language (French, German or Spanish) or social studies (social studies students may teach economics, geography, government, history, psychology and/or sociology). For information on teaching mathematics or the sciences, see OSUTeach. The last semester of the program is dedicated solely to the student teaching experience.

Students even have the opportunity to student teach abroad if they wish. Students will leave OSU with a Bachelor's Degree in Secondary Education and will have already passed two of the required three teacher certification exams prior to graduation. Our graduates find employment in both public and private schools, in Oklahoma and across the nation. education.okstate.edu/sced

OSU Teach

This program, a collaboration between the College of Education, Health and Aviation and the College of Arts and Sciences, offers Secondary Teacher Certification options for degrees in biological science, chemistry, geology (choice of earth/space science or physical science), mathematics and physics.

Core elements of the program include research based strategies for teaching and learning mathematics and science, extensive field teaching experience and personal guidance from master teachers and faculty. Students take two recruitment courses of one credit hour each, with a \$125 scholarship for completing each course, so they may try out teaching without a financial commitment. Preparation includes clinical experiences in elementary, middle and high school classrooms under the guidance of master teachers. The OSUTeach degrees allow students to earn full teaching certification without added time or cost. osuteach.okstate.edu

SPORTS AND COACHING SCIENCE

This degree program 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. <https://education.okstate.edu/spcs>