

# COLLEGE OF EDUCATION OVERVIEW



## GENERAL INFORMATION

The College of Education 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. All teacher certification majors on Oklahoma State University's campus, spanning four academic colleges, benefit from our national reputation due to the college's CAEP accreditation.

## CLUBS & ORGANIZATIONS

### Alpha Eta Rho

AVIATION PROFESSIONAL FRATERNITY

### American Association of Airport Executives

### Education Ambassadors

### Education 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

## 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. 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 28 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.

[flyosu.okstate.edu](http://flyosu.okstate.edu)

### 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](http://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](http://education.okstate.edu/oced)

## COLLEGE OF EDUCATION

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This program, a collaboration between the College of Education 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 OSU Teach degrees allow students to earn full teaching certification without added time or cost. [osuteach.okstate.edu](http://osuteach.okstate.edu)

## 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/observe 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. The Elementary Education program has national accreditation from the Council for the Accreditation of Educator Preparation (CAEP). [education.okstate.edu/elem](http://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](http://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](http://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.). 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](http://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 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 OSU Teach. 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](http://education.okstate.edu/sced)