NATIONAL JOB OUTLOOK & WAGES

Employment of exercise physiologists is projected to grow 13 percent from 2016 to 2026, faster than the average for all occupations. Demand may rise as hospitals emphasize exercise and preventative care as part of their treatment and long-term rehabilitation from chronic diseases, such as cardiovascular and pulmonary disease.

Median Wages (2016)
$47,340 annually

OKLAHOMA MEDIAN WAGES

Median Wages (2016)
$43,790 annually

PROGRAM DESCRIPTION

The Applied Exercise Science degree program prepares students as professionals in the area of fitness and overall physical health by providing a rigorous, science-based curriculum. This degree focuses on careers that involve exercise prescription and fitness program design for individuals and groups. The degree has 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. education.okstate.edu/aes

COURSE PREVIEW

- Basic Athletic Injury Management
- Sports Management
- Biomechanics
- Physiology of Exercise
- Principles of Strength and Conditioning
PROGRAM OPTIONS
Both degree program concentrations are uniquely designed to prepare students for various possible careers:

PRE-PROFESSIONAL*
- Athletic Trainer
- Bio-mechanist
- Cardiac/Stroke Rehabilitation Specialist
- Clinical Exercise Physiologist
- Medical Physician
- Occupational Physiologist
- Physical/Occupational Therapist
- Researcher

* The pre-professional option prepares students to attend professional or medical school. Careers listed in this column require advanced degrees.

STRENGTH AND CONDITIONING
- Fitness Facility Manager
- Fitness Instructor
- Strength and Conditioning Coach
- Personal Trainer
- Coach

RELATED PROFESSIONAL CERTIFICATIONS
- 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)

EDUCATION, HEALTH AND AVIATION LIVING LEARNING PROGRAM
The Education, Health and Aviation Living Learning Program (LLP) is a residential community for students with a declared major in the College of Education, Health and Aviation (EHA). Located on the 3rd floor of Village E, this LLP provides students with an opportunity to meet fellow EHA students, faculty and staff. A focus is placed on leadership development, resources/strategies for academic success, and personal growth. Community-building is paramount with a focus on creating meaningful relationships through genuine interactions. education.okstate.edu/llp

* The pre-professional option prepares students to attend professional or medical school. Careers listed in this column require advanced degrees.