



College of Health & Sciences

Careers with a CHS Degree:

- Applied Mathematicians
- Biologist
- Cardiology Nurses
- Chemists
- Computer Programmers
- Conservationist
- Doctor
- Engineer
- Fish & Game Wardens
- Food Safety Inspectors
- Medical Physicists
- Military Nurses
- Molecular Biologists
- NASA Subcontractors
- Pediatric Nurses
- Software Engineers
- Teachers
- Toxicologists
- Veterinarians
- ...and so much more!



As one of the largest and most comprehensive academics units of East Central University, the College of Health and Sciences seeks to advance scholarly and creative endeavors through excellence in teaching, research, or creative activities and service. The faculty and staff of the College provide 21 undergraduate and 11 pre-professional programs to its constituents.

> Academic Department

The College of Health and Sciences offers 21 Bachelor of Science degrees and 10 minors to students in the following areas:

School of Nursing

- Ada Campus
- Online B.S. in RN to BSN

Physical Sciences

- Chemistry
- Physics



Biological & Environmental Sciences

- Biology
- Environmental Health Science
- Ecology
- Molecular Biology
- Medical Botany

Mathematics & Computer Sciences

- General Mathematics
- Applied Mathematics/Pre-Actuary
- Data Science

Pre-Professional Programs

\$ How Me the Money!

College graduates with a degree from the College of Health and Sciences degree typically can earn between \$29,000 and \$97,000 for entry-level jobs. *The Chicago Tribune!* (NACE 2021 Salary Report)

> Mission Statement

The mission of the College of Health and Sciences is to foster a learning environment in which students, faculty, staff and community interact to educate students in the study of the natural sciences, technology, human-environment interaction, and health care through excellence in teaching, research, creative activities and service.



East Central University
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Ada, Oklahoma 74820

www.ecok.edu/CHS
580-559-5410

Campus Tours:
ecok.edu/take-a-tour
580-559-5628
ecutiger@ecok.edu



College of Health & Sciences

School of Nursing

The School of Nursing offers a Bachelor of Science degree in Nursing to students in Ada. ECU now offers a fully online Bachelor of Science in RN to BSN. Visit online.ecok.edu for more information about the online degree.



Biological & Environmental Sciences

The Department of Biological and Environmental Sciences provides undergraduate training for students interested in the life sciences and health who may wish to pursue careers in this area.

Biology program offers majors in:

- Biology
- Clinical Laboratory Scientist
- Ecology
- Health Sciences
- Medical Botany
- Molecular Biology
- Pre-Professional Sciences
- Teacher Certification

Environmental Health Sciences program offers majors in Environmental Health Science, Public Health, and Natural Resources Management.

Mathematics/Computer Science

The Mathematics program offers a curriculum that is flexible and can be adapted to a variety of student interests. The department offers a bachelor of science degree with three concentrations:

- General Mathematics
- Applied Mathematics/Pre-Actuary
- Teacher Certification
- Data Science

The Computer Science degree program is designed to prepare the graduate for a career in the field of software engineering. The courses will give the student excellent training in the scientific and technical areas of computing and also provide the preparation necessary to pursue graduate work.

Physical Sciences

The Chemistry program provides support courses for students pursuing Medicine, Engineering, Pharmacy, Veterinary Medicine, Physical Therapy and the Clinical Lab Scientist program. A minor in Chemistry is offered as well as a bachelor of science degree in:

- Chemistry
- Chemistry Teacher Certification

Physics students use advanced mathematics to solve challenging experimental or theoretical problems, so students often major in Mathematics as well. A minor in Physics is offered as well as a bachelor of science in:

- Physics
- Physics Teacher Certification
- Medical Physics



College of Health and Sciences

Dean: Dr. Ken Andrews,
College of Health & Sciences
School of Nursing: Traditional & Online
Programs Available

Academic Departments: 5
Degree: 21
Pre-Professional Programs: 11
Faculty: 41 full-time & 20 part-time
Organizations: 15+
Scholarships: 37+
Location: PES 101



ECU at a Glance

Undergraduate Enrollment: 3,000
Undergraduate Majors: 70+
Student to Faculty Ratio: 13 to 1
Average Class Size: 22
Faculty with PhDs: 65%
States Represented: 28
Countries Represented: 30+
Year Founded: 1909
Campus Size: 140 Acres
Area Location: Ada, Oklahoma



Tiger Spirit

Mascot: Roary the Tiger
School Colors: Orange & Black
Student Organizations: 60+
Athletics: NCAA Division II

Men's:	Football Baseball Basketball	Cross Country Track & Field
Women's:	Basketball Volleyball Softball	Soccer Cross Country Track & Field

We educate and empower students to understand and transform our world.

East Central University, in compliance with Title VI and Title VII of the Civil Rights Act of 1964 (as amended), Executive Order 11246 (as amended), Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973 (as amended), the Americans With Disabilities Act of 1990, the Civil Rights Act of 1991, and other federal and state laws, does not discriminate on the basis of race, color, national origin, sex, age, religion, disability, sexual orientation or status as a veteran in any of its policies, practices or procedures. This includes, but is not limited to, admissions, employment, financial aid, and education services. This publication is printed and issued by East Central University as authorized by Title 70 OS 1981, Section 3903. 500 copies have been prepared and distributed at a cost of \$200.00. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries in compliance with Section 3-114 of Title 65 of the Oklahoma Statutes. 08/2021