

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: BIOLOGY

**Catalog Year 2022–2023  
Health Sciences**

### Eastern Oklahoma State College

### East Central University

#### Associate of Science - Life Science

- ENGL 1113 Freshman Composition I
- MATH 1513 College Algebra\*
- OLS 1111 Orientation and Library Science
- POL SC 1113 American Fed Government
- SPCH 1113 Fundamentals of Speech **OR**  
SPCH 2233 Business & Prof. Speech
- — 3 hrs. Humanities 16 hrs.
  
- CHEM 1315 General College Chemistry I\*
- CIS 1113 Computer Applications
- ENGL 1213 Freshman Composition II
- ZOO 1114 General Zoology\*
- —3 hrs. Humanities (VI A) 18 hrs.
  
- BIOL 1114 Biology
- PHY 1114 General Physics\*
- CHEM 1415 General College Chemistry II\*
- PSY 1113 Psychology 16 hrs.
  
- BIOL 2155 Micro
- BOT 1114 Botany
- HIST 1483 American History to 1877 **OR** HIST 1493  
American History since 1877
- PHY 1214 General Physics II\*
- — 1 hr. Gen Ed Elective 17 hrs.
  
- Total Credit Hours** **67 hrs.**

\*Please see chart on second page for course equivalencies

#### Bachelors in Biology—Health Sciences

- BIOL 2184 Human Anatomy
- CHEM 3114 Organic Chemistry I
- —4 hrs. Electives
- —3 hrs. Upper-level Statistics 15 hrs.
  
- BIOL 3634 Human Physiology
- BIOL 3434 Genetics
- —6 hrs. Upper-Level Electives 14 hrs.
  
- BIOL 4313 Cell and Molecular Biology
- —6 hrs. Upper-level Required Electives
- —7 hrs. Electives 16 hrs.
  
- BIOL 4414 Ecology
- BIOL 4881 Biology Senior Seminar
- —3 hrs. Required Electives
- —7 hrs. Upper-Level Electives 15 hrs.
  
- Total Credit Hours** **60 hrs.**



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

Eastern Oklahoma State College	East Central University
BIOL 1114 General Biology	BIOL 1114 General Biology
ZOO 1114 General Zoology	BIOL 1314 General Zoology
BOT 1114 General Botany	BIOL 1214 General Botany
MATH 1513 College Algebra	MATH 1513 College Algebra
CHEM 1315 General College Chemistry I	CHEM 1114 General Chemistry I
CHEM 1415 General College Chemistry II	CHEM 1214 General Chemistry II
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II

## NOTES:

- ⇒ Articulated using EOSC's A.S. for Life Science and without a Minor. A Minor is not required.
- ⇒ A student transferring with an Associate degree in Arts or Science from EOSC fulfills ECU's general education requirement by transferring his or her credit to East Central University. Transferring credit for general education does not eliminate or otherwise affect any of the following ECU requirements: (1) prerequisites; (2) specific requirements in majors, minors, or related work in these areas; or (3) the requirements for teacher certification. General Education equivalencies can be found by referring to either the Oklahoma State Regents Transfer Matrix or the ECU Transfer Matrix. Both matrices can be found at [www.ecok.edu](http://www.ecok.edu) by clicking on *Admissions* and scrolling down to *Course Transfer Matrix*.
- ⇒ A student must earn at least 40 semester hours in upper-division courses (numbered 3000 or higher). A course taught at EOSC may equate in content to an ECU 3000-4000 level course, but it will not be counted as part of the 40 hours of upper level courses.
- ⇒ A student must earn at least 60 semester hours, excluding physical activity courses, at a baccalaureate degree granting institution.
- ⇒ A Student must earn at least 124 credit hours that apply to an ECU Bachelor's degree.