

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: BIOLOGY

### Teacher Certification Catalog Year 2019–2020

#### Oklahoma City Community College

#### East Central University

##### Associate in Science—Biology

- BIO 1124 General Biology I (Majors)
- ENGL 1113 English Composition I
- HIST 1483 U.S. History to 1877 OR HIST 1493 U.S. History 1877 to Present
- MATH 1483 Functions and Modeling\*
- SCL 1001 Success in College and Life **14 hrs.**
  
- BIO 1134 General Biology II (Majors)
- CHEM 1115 General Chemistry I\*
- ENGL 1213 English Composition II
- POLSC 1113 American Federal Government **15 hrs.**
  
- BIO 2215 General Zoology\* (Support)
- CHEM 1215 General Chemistry II\*
- PHYS 1114 College Physics I\*
- –3 hrs. Gen. Ed. Humanities Elective **17 hrs.**
  
- BIO 2114 General Botany\*
- CS 1103 Intro to Computers & Applications (Support)
- PHYS 1214 College Physics II\* (Support)
- PSY 1113 General Psychology
- –3 hrs. Gen. Ed. Humanities Elective **17 hrs.**

**Total Credit Hours 63 hrs.**

\* Please see chart on second page for course equivalencies

##### Bachelor of Science—Biology

- EDUC 2012 Foundations of Education
- EDUC 2211 Field Experience I
- EDUC 2402 Survey of Exceptional Children
- EDUC 2631 Foundations of Ed Technology
- PSYCH 3463 Child & Adolescent Psychology
- GEOL 1114 Introduction to Geology
- —3 hrs. Foreign Lang or 2 yrs. at HS **16 hrs.**
  
- BIOL 4414 Ecology
- EDPSY 3513 Educational Psychology
- EDUC 3001 Field Experience II
- PHYS 1314 Astronomy
- —4 CHEM Elective (Choose 3114, OR 3214) **16 hrs.**
  
- B/C/P 4113 Methods of Teach BIOL/Phys Science
- BIOL 3434 Genetics
- EDUC 4042 Strategies for Effective Teaching
- EDUC 4611 Field Experience III
- EDUC 4632 Ed Technology Integrated Strategies
- —5 hrs. Req. BIOL Upper Level Elective (above 1314, not 4881) **17 hrs.**
  
- EDUC 4262 Student Teaching Seminar I
- EDUC 4282 Student Teaching Seminar II
- EDUC 4974 Student Teaching
- EDUC 4974 Student Teaching **12 hrs.**

**Total Credit Hours 61 hrs.**

Students are encouraged to check 4 year degree plan for course sequences and offerings.



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

Oklahoma City Community College	East Central University
BIO 2114 General Botany	BIOL 1214 General Botany
BIO 2215 General Zoology	BIOL 1314 General Zoology
CHEM 1115 General Chemistry I	CHEM 1114 General Chemistry I
CHEM 1215 General Chemistry II	CHEM 1214 General Chemistry II
MATH 1483 Functions and Modeling	MATH 1614 College Algebra W/ Business Applications
PHYS 1114 College Physics I	PHYS 1114 General Physics I
PHYS 1214 College Physics II	PHYS 1214 General Physics II
PSY 1113 General Psychology	PSYCH 1113 General Psychology

## NOTES:

- ⇒ Articulated using OCCC's A.S. in Biology.
- ⇒ Articulated a minor is NOT required.
- ⇒ 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 *Academics* and scrolling down to *Course Transfer Matrix*.
- ⇒ A student transferring with an Associate degree in Arts or Science from OCCC 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.
- ⇒ A student must earn at least 40 semester hours in upper-division courses (numbered 3000 or higher). A course taught at OCCC 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.