

# East Central University/Eastern Oklahoma State College Articulation Agreement

## Bachelor of Science: Biology

### Teacher Certification Concentration Catalog Year 2014-2015

#### Associate of Arts—Life Science

- OLS 1111 Orientation and Library Science
- ENGL 1113 Freshman Composition I
- POL SC 1113 American Federal Government
- ZOO 1114 General Zoology\*
- SPCH 1113 Fundamentals of Speech \*
- MATH 1513 College Algebra\* 17

- ENGL 1213 Freshman Composition II
- CHEM 1315 General College Chemistry I\*
- HIST 1483 American History to 1877 **OR**  
HIST 1493 American History since 1877
- CIS 1113 Computer Applications
- PHY 1114 General Physics I\* 18

- BOT 1114 General Botany\*
- CHEM 1415 General College Chemistry II\*
- SPAN 1115 Elementary Spanish I
- 3 Humanities (VI A) 17

- SPAN 1125 Elementary Spanish II
- 3 Humanities (VI B)
- PHY 1214 General Physics II\*
- BIOL 2114 Human Anatomy\*
- PSY 1113 Introduction to Psychology\* 19

Total Credit Hours 71

\* please see chart on second page  
for course equivalencies



#### Bachelor of Science—Biology

- BIOL 3434 Genetics
- PHYS 1314 Astronomy
- EDUC 2012 Foundations of Education
- EDUC 2211 Field Experience I
- EDUC 2402 Survey of Exceptional Children
- PSYCH 3463 Child & Adolescent Psychology 16

- BIOL 4414 Ecology
- Choose One: CHEM 1314, 3114 **OR** 3214
- EDUC 4632 Educational Technology
- EDPSY 3513 Educational Psychology
- EDUC 3001 Field Experience II 14

- BIOL 3634 Human Physiology 4
- Summer—RECOMMENDED
- B/C/P 4113 Methods Teach Biological/Physical Science
- 3 Required Biology Elective (above 1314, not 4881)

- GEOG 1214 Earth Science
- EDUC 4043 Strategies for Effective Teaching
- EDUC 4611 Field Experience III 14
- EDUC 4262 Student Teaching Seminar
- EDUC 4975 Student Teaching
- EDUC 4975 Student Teaching 12

Total Credit Hours 60



**Total Credit Hours Taken: 131**  
**Total Credit Hours Applied to BS Degree: 124**

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## Bachelor of Science: Biology

### Teacher Certification Concentration Course Equivalency Table

Eastern Oklahoma State College	East Central University
ZOO 1114 General Zoology	BIOL 1314 General Zoology
MATH 1513 College Algebra	MATH 1513 College Algebra
CHEM 1315 General College Chemistry I	CHEM 1114 General Chemistry I
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II
CHEM 1415 General College Chemistry II	CHEM 1214 General Chemistry II
BOT 1114 General Botany	BIOL 1214 General Botany
BIOL 2114 Human Anatomy	BIOL 2184 Human Anatomy
SPCH 1113 Fundamentals of Speech	COMM 1113 Fundamentals of Speech
PSY 1113 Introduction to Psychology	PSYCH 1113 General Psychology

Articulated using EOSC's A.S. in Life Science Biology Concentration.

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*.

Articulated with a minor in Professional Education. This minor is required by the Teacher Certification Concentration, please see an advisor for appropriate courses.

**\*\*Will transfer as course content but not for upper level credit: Student should meet with an ECU advisor for more information.**

#### NOTES:

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.

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.

#### SERVICE LEARNING GRADUATION REQUIREMENT

Effective Fall 2007, first-time transfer students starting at East Central University, who have completed **less than 64 hours**, will be required to do at least 30 hours of service learning by completing at least **two** service learning designated classes prior to their graduation. Those students transferring to ECU who have completed **64 or more hours** will be required to do only 15 hours of service learning by completing at least **one** service learning designated course.