

East Central University/Eastern Oklahoma State College Articulation Agreement

Bachelor of Science: Chemistry

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
- CHEM 1315 General College Chemistry I*
- SPCH 1113 Fundamentals of Speech*
- MATH 1513 College Algebra* 18

- ENGL 1213 Freshman Composition II
- ZOO 1114 General Zoology*
- HIST 1483 American History to 1877 **OR**
HIST 1493 American History since 1877
- CHEM 1415 General College Chemistry II* 15

- PHY 1114 General Physics I*
- CHEM 2105 Organic Chemistry I*
- CIS 1113 Computer Applications
- SPAN 1115 Elementary Spanish I
- 3 Humanities (VI A) 20
- 3 Humanities (VI B)
- SPAN 1215 Elementary Spanish II
- PHY 1214 General Physics II*
- CHEM 2205 Organic Chemistry II*
- PSY 1113 Introduction to Psychology* 20

Total Credit Hours 73

* please see chart on second page
for course equivalencies



Bachelor of Science—Chemistry

- BIOL 2184 Human Anatomy
- BIOL 1214 General Botany
- EDUC 2012 Foundations of Education
- EDUC 2211 Field Experience I
- EDUC 2402 Survey of Exceptional Children
- PSYCH 3463 Child & Adolescent Psychology 16

- CHEM 3214 Quantitative Analysis I
- BIOL 3634 Human Physiology
- 4 Required CHEM Elective
- EDPSY 3513 Educational Psychology
- EDUC 3001 Field Experience II
- EDUC 4632 Educational Technology 18

- 3 Required CHEM Elective
- GEOG 1214 Earth Science
- PHYS 1314 Astronomy
- B/C/P 4113 Methods of Teaching Biological/Physical Sciences
- EDUC 4043 Strategies for Effective Teaching
- EDUC 4611 Field Experience III 18

- EDUC 4262 Student Teaching Seminar
- EDUC 4975 Student Teaching
- EDUC 4975 Student Teaching 12

Total Credit Hours 64



Total Credit Hours Taken: 137
Total Credit Hours Applied to BS Degree: 129

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Teacher Certification Concentration Course Equivalency Table

Eastern Oklahoma State College	East Central University
ZOO 1114 General Zoology	BIOL 1314 General Zoology
PSY 1113 Introduction to Psychology	PSYCH 1113 General Psychology
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
CHEM 2105 Organic Chemistry I**	CHEM 3114 Organic Chemistry I
CHEM 2205 Organic Chemistry II**	CHEM 4114 Organic Chemistry II
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II
SPCH 1113 Fundamentals of Speech	COMM 1113 Fundamentals of Human Communication

Articulated using EOSC's A.S. in Physical Science.

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 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.