

East Central University/Eastern Oklahoma State College Articulation Agreement

Bachelor of Science: Chemistry

Catalog Year 2014-2015

Associate of Arts—Life Science	Bachelor of Science—Chemistry
<input type="checkbox"/> OLS 1111 Orientation and Library Science	<input type="checkbox"/> CHEM 4514 Physical Chemistry I
<input type="checkbox"/> ENGL 1113 Freshman Composition I	<input type="checkbox"/> MATH 3025 Calculus & Analytic Geometry II
<input type="checkbox"/> POL SC 1113 American Federal Government	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> CHEM 1315 General College Chemistry I*	<input type="checkbox"/> —3 Minor or Upper Level Elective 15
<input type="checkbox"/> SPCH 1113 Fundamentals of Speech OR SPCH 2233 Business & Professional Speech	
<input type="checkbox"/> MATH 1513 College Algebra* 18	
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<input type="checkbox"/> ENGL 1213 Freshman Composition II	<input type="checkbox"/> CHEM 3214 Quantitative Analysis I
<input type="checkbox"/> MATH 1613 Trigonometry*	<input type="checkbox"/> CHEM 4614 Physical Chemistry II OR CHEM 4414 Advanced Inorganic Chemistry
<input type="checkbox"/> ZOO 1114 General Zoology OR BOT 1114 General Botany*	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> HIST 1483 American History to 1877 OR HIST 1493 American History since 1877	<input type="checkbox"/> —4 Minor or Upper Level Elective 15
<input type="checkbox"/> CHEM 1415 General College Chemistry II* 18	
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<input type="checkbox"/> PHY 1114 General Physics I*	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> CHEM 2105 Organic Chemistry I*	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> CIS 1113 Computer Applications	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> —3 Humanities (VI A) 15	<input type="checkbox"/> —3 Minor or Upper Level Elective 15
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<input type="checkbox"/> —3 Humanities (VI B)	<input type="checkbox"/> CHEM 3484 Instrumental Analysis
<input type="checkbox"/> MATH 2235 Calculus I*	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> PHY 1214 General Physics II*	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> CHEM 2205 Organic Chemistry II*	<input type="checkbox"/> —3 Minor or Upper Level Elective
<input type="checkbox"/> —3 Social Science Elective 20	<input type="checkbox"/> —3 Minor or Upper Level Elective
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<input type="checkbox"/> —2 Minor or Upper Level Elective 15	
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Total Credit Hours 71	Total Credit Hours 60

* please see chart on second page for course equivalencies



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

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Course Equivalency Table

Eastern Oklahoma State College	East Central University
ZOO 1114 General Zoology	BIOL 1314 General Zoology
BOT 1114 General Botany	BIOL 1214 General Botany
MATH 1513 College Algebra	MATH 1513 College Algebra
MATH 1613 Trigonometry	MATH 1713 Trigonometry
MATH 2235 Calculus I	MATH 2825 Calculus & Analytic Geometry I
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

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 without a minor. A minor is required, 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.