

East Central University/Seminole State College Articulation Agreement

Bachelor of Science : Chemistry

Catalog Year 2017-2018

Associate in Arts and Liberal Studies—Physical Sciences

<input type="checkbox"/> SOC 1101 Freshman Seminar	
<input type="checkbox"/> ENG 1113 Composition I	
<input type="checkbox"/> HIST 1483 American History Survey To 1877 OR HIST 1493 American History Survey Since 1877	
<input type="checkbox"/> PHYS1114 General Physical Science	
<input type="checkbox"/> MATH 1513 Pre-Calculus*	
<input type="checkbox"/> ---3 Humanities Elective	17
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<input type="checkbox"/> CAP 1103 Introduction to Microsoft Office	
<input type="checkbox"/> ENG 1213 Composition II	
<input type="checkbox"/> GOV 1113 American National Government	
<input type="checkbox"/> BIOL 1214 Principles of Biology	
<input type="checkbox"/> MATH 1613 Plane Trigonometry*	16
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<input type="checkbox"/> CHEM 1315 General Chemistry I*	
<input type="checkbox"/> MATH 2215 Calculus and Analytic Geometry I*	
<input type="checkbox"/> SPCH 1143 Speech	
<input type="checkbox"/> HPER 1012 Wellness and Human Development	15
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<input type="checkbox"/> CHEM 1515 General Chemistry II*	
<input type="checkbox"/> PHYS 2114 General Physics I*	
<input type="checkbox"/> ---3 Humanities Elective	
<input type="checkbox"/> ---3 Required Elective	15
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Total Credit Hours	63

Bachelor of Science—Chemistry

<input type="checkbox"/> CHEM 3114 Organic Chemistry I	
<input type="checkbox"/> PHYS 1214 General Physics II	
<input type="checkbox"/> MATH 3025 Calculus and Analytic Geometry II	
<input type="checkbox"/> ---3 Minor or Upper Level Elective	16
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<input type="checkbox"/> CHEM 3214 Quantitative Analysis I	
<input type="checkbox"/> CHEM 4114 Organic Chemistry II	
<input type="checkbox"/> ---3 Minor or Upper Level Elective	
<input type="checkbox"/> ---4 Minor or Upper Level Elective	15
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<input type="checkbox"/> CHEM 4514 Physical Chemistry I	
<input type="checkbox"/> BIOL 1314 General Zoology	
<input type="checkbox"/> ---3 Minor or Upper Level Elective	
<input type="checkbox"/> ---4 Minor or Upper Level Elective	15
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<input type="checkbox"/> CHEM 3484 Instrumental Analysis	
<input type="checkbox"/> CHEM 4413 Advanced Inorganic Chemistry	
<input type="checkbox"/> ---4 Minor or Upper Level Elective	
<input type="checkbox"/> ---4 Minor or Upper Level Elective	15
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Total Credit Hours	61

* please see chart on second page
for course equivalencies



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

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Course Equivalency Table

Seminole State College	East Central University
MATH 1513 Pre-Calculus	MATH 1513 College Algebra
MATH 1613 Plane Trigonometry	MATH 1713 Trigonometry
CHEM 1315 General Chemistry I	CHEM 1114 General Chemistry I
CHEM 1515 General Chemistry II	CHEM 1214 General Chemistry II
PHYS 2114 General Physics I	PHYS 1114 General Physics I
MATH 2215 Calculus and Analytic Geometry I	MATH 2825 Calculus & Analytic Geometry I

Articulated using SSC's A.A. for Physical Sciences.

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 SSC 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 SSC 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.