

East Central University/Murray State College Articulation Agreement

Bachelor of Science: Chemistry

Teacher Certification Concentration

Catalog Year 2017-2018

Associate of Science—Chemistry	Bachelor of Science—Chemistry
<input type="checkbox"/> COL 1211 Academic Success	<input type="checkbox"/> CHEM 3114 Organic Chemistry I
<input type="checkbox"/> ENG 1113 English Comp I	<input type="checkbox"/> BIOL 2184 Human Anatomy
<input type="checkbox"/> HST 1483 U.S. History to 1865 OR HST 1493 U.S. History since 1865	<input type="checkbox"/> EDUC 2012 Foundations of Education
<input type="checkbox"/> MTH 1513 College Algebra*	<input type="checkbox"/> EDUC 2211 Field Experience I
<input type="checkbox"/> CIS 1113 Computer Applications	<input type="checkbox"/> EDUC 2402 Survey of Exceptional Children
<input type="checkbox"/> <u>BIO 1114 Principals of Biology</u> 17	<input type="checkbox"/> EDUC 2613 Foundation of Education Technology
<input type="checkbox"/> ENG 1213 English Comp II	<input type="checkbox"/> <u>PSYCH 3463 Child & Adolescent Psychology</u> 19
<input type="checkbox"/> ZOO 1114 General Zoology*	<input type="checkbox"/> CHEM 4114 Organic Chemistry II
<input type="checkbox"/> HWP 1112 Personal Health	<input type="checkbox"/> CHEM 3214 Quantitative Analysis I
<input type="checkbox"/> SCI 2224 Earth, Space, & Environmental Science*	<input type="checkbox"/> CHEM ---4 Required Chemistry Elective
<input type="checkbox"/> <u>---3 Humanities Elective</u> 16	<input type="checkbox"/> B/C/P 4113 Methods Teach Biological/Physical Science
<input type="checkbox"/> PHY 1114 Physics I*	<input type="checkbox"/> EDPSY 3513 Educational Psychology
<input type="checkbox"/> BOT 1114 General Botany*	<input type="checkbox"/> <u>EDUC 3001 Field Experience II</u> 18
<input type="checkbox"/> CHM 1114 Gen Chemistry I*	<input type="checkbox"/> CHEM ---3 Required Chemistry Elective (CHEM 4213 recommended)
<input type="checkbox"/> <u>---3 Humanities or Art Elective</u> 15	<input type="checkbox"/> BIOL 3634 Human Physiology
<input type="checkbox"/> PHY 1214 General Physics II*	<input type="checkbox"/> PHYS 1314 Astronomy
<input type="checkbox"/> CHM 1214 General Chemistry II*	<input type="checkbox"/> EDUC 4043 Strategies for Effective Teaching
<input type="checkbox"/> GVT 1113 American Federal Government	<input type="checkbox"/> EDUC 4611 Field Experience III/EDUC
<input type="checkbox"/> SPC 1113 Fundamentals of Speech*	<input type="checkbox"/> <u>4632 Educational Technology Integration Strategies</u> 17
<input type="checkbox"/> <u>PSY 1113 Intro to Psychology*</u> 17	<input type="checkbox"/> EDUC 4262 Student Teaching Seminar I
Total Credit Hours 65	<input type="checkbox"/> EDUC 4282 Student Teaching Seminar II
	<input type="checkbox"/> EDUC 4974 Student Teaching
	<input type="checkbox"/> <u>EDUC 4974 Student Teaching</u> 12
	Total Credit Hours 66

* please see chart on second page for course equivalencies



Total Hours Completed: 131
Total Credit Hours Required for BS Degree: 129

Bachelor of Science: Chemistry—Teacher Certification

Course Equivalency Table

Murray State College	East Central University
CHM 1114 Gen Chemistry I	CHEM 1114 General Chemistry I
CHM 1214 Gen Chemistry II	CHEM 1214 General Chemistry II
ZOO 1114 General Zoology	BIOL 1314 General Zoology
BOT 1114 General Botany	BIOL 1214 General Botany
SCI 2224 Earth, Space, & Environmental Science	GEOG 1214 Earth Science
PSY 1113 Intro Psychology	PSYCH 1113 General Psychology
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II
MTH 1513 College Algebra	MATH 1513 College Algebra
SPC 1113 Fundamentals of Speech	COMM 1113 Fundamentals of Human Communication

Articulated using MSC's A. S in Chemistry.

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 Professional Education as the minor. This minor is required by the Teacher Certification Program, 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 MSC 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 MSC 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.