Articulation Agreement

Transfer with Ease

BACHELOR OF SCIENCE: CHEMISTRY

Catalog Year 2019—2020

Oklahoma City Community College	East Central University

Associate in Science—Pre-Medicine

- BIO 1124 General Biology I (Majors)
- CHEM 1115 General Chemistry I*
- ENGL 1113 English Composition I
- MATH 1483 Functions and Modeling*
- SCL 1001 Success in College and Life **16 hrs.**

- CHEM 1215 General Chemistry II*
- ENGL 1213 English Composition II
- MATH 1613 Trigonometry*
- PHYS 1114 College Physics I* **15 hrs.**

- CHEM 2114 Organic Chemistry I*
- MATH 2104 Calculus and Analytic Geometry I* (Supp.)
- PHYS 1214 College Physics II* (Support)
- PSY 1113 General Psychology **OR** SOC 1113 Introduction to Sociology
- —3 hrs. Gen. Ed. Humanities Elective **18 hrs.**

- CHEM 2111 and CHEM 2121 Org. Chem. I-II Labs
- CHEM 2124 Organic Chemistry II*
- HIST 1483 U.S. History to 1877 **OR** HIST 1493 U.S. History 1877 to Present
- POLSC 1113 American Federal Government
- —3 hrs. Gen. Ed. Humanities Elective **15 hrs.**

Total Credit Hours **64 hrs.**

***** Please see chart on second page for course equivalencies

Bachelor of Science—Chemistry

- CHEM 4514 Physical Chemistry I‡
- MATH 3025 Calculus and Analytic Geometry II
- —4 hrs. Major or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective **16 hrs.**

- CHEM 3214 Quantitative Analysis I
- CHEM 4413 Advanced Inorganic Chemistry
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective **13 hrs.**

- CHEM 4213 Biochemistry
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective **15 hrs.**

- CHEM 3484 Instrumental Analysis
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Elective
- —3 hrs. Elective
- —3 hrs. Elective **16 hrs.**

Total Credit Hours **60 hrs.**

Students are encouraged to check 4 year degree plan for course sequences and offerings

OCCC

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ECU

Course Equivalency Table

Oklahoma City Community College	East Central University
CHEM 1115 General Chemistry I	CHEM 1114 General Chemistry I
CHEM 1215 General Chemistry II	CHEM 1214 General Chemistry II
CHEM 2114 Organic Chemistry I**	CHEM 3114 Organic Chemistry I
CHEM 2124 Organic Chemistry II**	CHEM 4114 Organic Chemistry II
MATH 1483 Functions and Modeling	MATH 1614 College Algebra W/ Business Applications
MATH 1613 Trigonometry	MATH 1713 Trigonometry
MATH 2104 Calculus and Analytic Geometry I	MATH 2825 Calculus & Analytic Geometry I
PHYS 1114 College Physics I	PHYS 1114 General Physics I
PHYS 1214 College Physics II	PHYS 1214 General Physics II

NOTES:

⇒ Articulated using OCCC's A.S. in Pre-Medicine.

⇒ Articulated without a minor. A minor is required, please see an advisor for appropriate courses.

⇒ 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.*

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

⇒ A student transferring with an Associate degree in Arts or Science from OCCC 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 OCCC 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.

⇒ A student must earn <u>at least 124 credit hours</u> that apply to an ECU Bachelor's degree.