

**Transfer
with
Ease**

Articulation Agreement

BACHELOR OF SCIENCE: BIOLOGY

Clinical Laboratory Scientist Catalog Year 2022 - 2023

Eastern Oklahoma State College

East Central University

Associate of Science - Life Science

Bachelor of Science—Biology

- BIOL 1114 General Biology*
- ENGL 1113 Freshman Composition I
- MATH 1513 College Algebra*
- OLS 1111 Orientation and Library Science
- POL SC 1113 American Federal Government
- SPCH 1113 Fundamentals of Speech **OR** SPCH 2233
Bus & Professional Speech **17 hrs.**

- BIOL 2114 Human Anatomy*
- CHEM 1315 General College Chemistry I*
- CIS 1113 Computer Applications
- ENGL 1213 Freshman Composition II
- HIST 1483 American History to 1877 **OR**
HIST 1493 American History since 1877 **18 hrs.**

- CHEM 1415 General College Chemistry II*
- PSY 1113 Introduction to Psychology
- ZOO 1114 General Zoology*
- —3 hrs. Humanities (VI A) **15 hrs.**

- BIOL 2214 Human Physiology*
- BIOL 2155 Microbiology
- MATH 1613 Trigonometry
- —3 hrs. Humanities (VI B)
- —1 hrs. General Education Elective **16 hrs.**

Total Credit Hours 66 hrs.

*Please see chart on second page for
course equivalencies

SUMMER

- CHEM 3114 Organic Chemistry I **4 hrs.**

- CHEM 4213 Biochemistry
- CHEM 4221 Biochemistry Lab
- CHEM 3114 Organic I
- BIOL 1214 Botany
- —2 hrs. Elective **14 hrs.**

- BIOL 3434 Genetics
- BIOL 3654 Histology
- BIOL 3683 Immunology
- BIOL 4881 Biology Senior Seminar
- —3 hrs. Elective
- —2 hrs. Elective **17 hrs.**

- MEDTE 4117 Clinical Microbiology
- MEDTE 4125 Clinical Chemistry I **12 hrs.**

- MEDTE 4236 Clinical Hematology
- MEDTE 4246 Clinical Immunology/Immunoematology **12 hrs.**

- SUMMER
- MEDTE 4325 Clinical Chemistry II
- MEDTE 4351 Topics in Medial Tech **6 hrs.**

Total Credit Hours 65 hrs.



YOUR FUTURE - YOUR CHOICE



Course Equivalency Table

Eastern Oklahoma State College	East Central University
BIOL 1114 General Biology	BIOL 1114 General Biology
ZOO 1114 General Zoology	BIOL 1314 General Zoology
BOT 1114 General Botany	BIOL 1214 General Botany
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
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II

NOTES:

- ⇒ Articulated using EOSC's A.S. for Life Science and without a Minor. A Minor is not required.
- ⇒ 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. 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 *Admissions* and scrolling down to *Course Transfer Matrix*.
- ⇒ 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.
- ⇒ A Student must earn at least 124 credit hours that apply to an ECU Bachelor's degree.