

**Transfer
with
Ease**

Articulation Agreement

BACHELOR OF SCIENCE: BIOLOGY

Clinical Laboratory Catalog Year 2021–2022

Oklahoma City Community College

East Central University

Associate in Science—Biology

- BIO 1124 General Biology I (Majors)
- ENGL 1113 English Composition I
- HIST 1483 U.S. History to 1877 OR HIST 1493 U.S. History 1877 to Present
- MATH 1483 Functions and Modeling*
- SCL 1001 Success in College and Life **14 hrs.**

- BIO 1134 General Biology II (Majors)
- CHEM 1115 General Chemistry I*
- ENGL 1213 English Composition II
- POLSC 1113 American Federal Government **15 hrs.**

- BIOL 2215 General Zoology* (Support)
- CHEM 1215 General Chemistry II*
- PHYS 1114 College Physics I*
- —3 hrs. Gen. Ed. Humanities Elective **17 hrs.**

- BIO 2114 General Botany*
- CS 1103 Intro to Computers & Applications (Support)
- PHYS 1214 College Physics II* (Support)
- PSY 1113 General Psychology OR SOC 1113 Introduction to Sociology
- —3 hrs. Gen. Ed. Humanities Elective **17 hrs.**

Total Credit Hours 63 hrs.

* Please see chart on second page for course equivalencies

Bachelor of Science—Biology Clinical Laboratory

Summer

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

- BIOL 3654 Histology
- CHEM 4213 Biochemistry
- CHEM 4221 Biochemistry Lab
- —4 hrs. Elective **12 hrs.**

- BIOL 3434 Genetics
- BIOL 3683 Immunology
- BIOL 3634 Human Physiology
- BIOL 4881 Biology Senior Seminar
- —4 hrs. Elective **16 hrs.**

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

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

Summer

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

Total Credit Hours 62 hrs.

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



YOUR FUTURE - YOUR CHOICE



Course Equivalency Table

| Oklahoma City Community College | East Central University |
|----------------------------------|----------------------------------|
| BIO 2114 General Botany | BIOL 1214 General Botany |
| BIO 2215 General Zoology | BIOL 1314 General Zoology |
| CHEM 1115 General Chemistry I | CHEM 1114 General Chemistry I |
| CHEM 1215 General Chemistry II | CHEM 1214 General Chemistry II |
| MATH 1483 Functions and Modeling | MATH 1613 Functions and Modeling |
| PHYS 1114 College Physics I | PHYS 1114 General Physics I |
| PHYS 1214 College Physics II | PHYS 1214 General Physics II |
| PHYS 1214 College Physics II | PHYS 1214 General Physics II |

NOTES:

- ⇒ Articulated using OCCC's A.S. in Biology.
- ⇒ Articulated a minor is NOT required. It is up to the student to take 7-10 hours of electives of their choice.
- ⇒ 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*.
- ⇒ 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 at least 124 credit hours that apply to an ECU Bachelor's degree.