



Articulation Agreement

BACHELOR OF SCIENCE: BIOLOGY

Ecology Catalog Year 2022—2023

Murray State College

East Central University

Associate of Science—Science

- BIO 1114 General Biological Science
- CIS 1113 Computer Applications
- COL 1211 Academic Success
- ENG 1113 English Comp I
- HWP 1112 Personal Health
- MTH 1513 Pre Calculus* 16 hrs.

- CHM 1114 General Chemistry I*
- ENG 1213 English Comp II
- HST 1483 U.S. History to 1865 **OR**
HST 1493 U.S. History since 1865
- PHS 1114 General Physical Science
- ~3 hrs. Humanities Elective 17 hrs.

- BOT 1114 General Botany*
- CHM 1214 General Chemistry II*
- PHY 1114 Physics I*
- SPC 1113 Fundamentals of Speech 15 hrs.

- GVT 1113 American Federal Government
- PHY 1214 General Physics II*
- PSY 1113 Intro to Psychology
- ZOO 1114 General Zoology*
- —3 hrs. Art Elective 17 hrs.

Total Credit Hours 65 hrs.

* Please see chart on second page for course equivalencies

Bachelors in Biology—Ecology

- BIOL 3434 Genetics
- BIOL 3934 Limnology
- CHEM 3114 Organic Chemistry I
- —3 hrs. Statistics courses 15 hrs.

- BIOL 3245 Comparative Vertebrate Anatomy
- BIOL 4414 Ecology
- —4 hrs. Upper-Level Biology electives 13 hrs.

- BIOL 4323 Experimental Design
- BIOL 3634 Human Physiology
- BIOL 4123 Evolution
- BIOL 4993 Undergraduate Research
- — 3 hrs. elective 16 hrs.

- BIOL 4881 Biology Senior Seminar
- BIOL 4993 Undergraduate Research
- BIOL 8 hrs. biology upper-level electives
- — 4 hrs. electives 16 Hrs.

Total Credit Hours 60 Hrs.



YOUR FUTURE - YOUR CHOICE



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
BOT 1114 General Botany	BIOL 1214 General Botany
ZOO 1114 General Zoology	BIOL 1314 General Zoology
MTH 1513 Pre Calculus	MATH 1513 College Algebra
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II

NOTES:

- ⇒ Articulated using MSC's A.S. in Science and without a Minor. A Minor is not required.
- ⇒ 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. 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 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.
- ⇒ A Student must earn at least 124 credit hours that apply to an ECU Bachelor's degree.