



Eastern New Mexico University  
College of Liberal Arts and Sciences  
2023-2025 Catalog

Major: Biology  
Emphasis: Ecology, Evolution & Organismal Biology

Minor: Not required  
Degree: Bachelor of Science / Bachelor of Arts (B.S./B.A.)

This degree plan is a guide only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

All course requirements in the major must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

Note: All Bachelor degrees at ENMU require 120 minimum total credit hours including 40 upper-division (300-/400-level) hours. Developmental and vocational/technical courses will not be counted toward graduation requirements.

**BACHELOR'S DEGREE REQUIREMENTS (6 hours)**

FYEX 1110 First-Year Seminar  
Diversity/Global Upper-Division

**GENERAL EDUCATION REQUIREMENTS (non-teaching) (31-33 hours)**

**REQUIREMENTS in Biology Core (26 hours)**

BIOL 2110/L Principles of Biology: Cellular & Molecular Biology  
BIOL 2120 Cellular & Molecular Biology  
BIOL 2610/L Principles of Biology: Biodiversity, Ecology & Evolution  
BIOL 2630 General Botany  
BIOL 303 General Ecology  
BIOL 304/L Genetics  
BIOL 306/L Microbiology  
BIOL 492 Undergraduate Seminar & Assessment

**REQUIREMENTS in Ecology, Evolution & Organismal Biology Emphasis (19-20 hours)**

BIOL 2630L General Botany Lab  
BIOL 300/L Invertebrate Zoology  
BIOL 303L General Ecology Lab  
BIOL 305 Evolution & Systematics  
BIOL 460 Landscape Ecology & GIS

Select one of the following Vertebrate Biology Courses:

BIOL 307/L Vertebrate Zoology  
BIOL 411/L Hepetology  
BIOL 431/L Mammalogy  
BIOL 436/L Ichthyology  
BIOL 442/L Ornithology

Select one of the following Specialty Biology Courses:

BIOL 301/L General Entomology  
BIOL 410/L Plant Systematics  
BIOL 420/L Plant Structure & Function  
BIOL 430 Limnology

**REQUIREMENTS in other areas (31-32 hours)**

CHEM 1215/L General Chemistry I for STEM Majors  
CHEM 1225/L General Chemistry II for STEM Majors  
CHEM 341/L Organic Chemistry I  
MATH 1220 College Algebra  
MATH 1350 Introduction to Statistics  
MATH 1430 Applications of Calculus I -OR-  
MATH 1510 Calculus I  
PHYS 1230/L Algebra-Based Physics I  
PHYS 1240/L Algebra-Based Physics II