



Eastern New Mexico University
 College of Liberal Arts and Sciences
 2025-2027 Catalog
 Degree Guide Checklist

Major: <u>Biology</u>	Minor: <u>Not Required</u>
Licensure: <u>Secondary Science</u>	Degree: <u>Bachelor of Science (B.S.)</u>

This degree guide is a guide only and is subject to revision. Before enrolling in courses, consult with an adviser and review the current ENMU-Portales catalog.

All course requirements in the major must have a 2.75 GPA 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. Students desiring to teach at the secondary level, grades 7-12, pursue degrees in a major field. The Teacher Education Program (TEP) does not grant secondary education degrees. The TEP does provide students with the necessary professional education requirements for licensure at the secondary level in New Mexico. Licensure requirements for secondary education are as shown below.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)

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

TEACHING GENERAL EDUCATION REQUIREMENTS (43 hours)

COURSE REQUIREMENTS (51-52 hours)

Biology Requirements (20 hours):
 BIOL 2110/L Principles of Biology: Cellular and Molecular Biology and Laboratory
 BIOL 2610/L Principles of Biology: Biodiversity, Ecology, and Evolution and Laboratory
 BIOL 305 Evolution and Systematics
 BIOL 407 Teaching Methods in Science
 BIOL 492 Undergraduate Seminar and Assessment (taken in the final semester)
 BIOL 303/L General Ecology and Laboratory -OR- BIOL 304/L Genetics and Laboratory -OR- BIOL 306/L Microbiology and Laboratory

Required courses in other areas (31-32 hours):
 CHEM 1215/L General Chemistry I for STEM Majors and Laboratory
 CHEM 1225/L General Chemistry II for STEM Majors and Laboratory
 GEOL 1110/L Physical Geology and Laboratory
 PHYS 1230/L Algebra-based Physics I and Laboratory
 PHYS 1240/L Algebra-based Physics II and Laboratory
 MATH 1220 College Algebra
 MATH 1350 Introduction to Statistics
 MATH 1430 Applications of Calculations I -OR- * MATH 1510 Calculus I

Some of these courses may be used to satisfy a Teacher General Education Requirement.

REQUIREMENTS IN PROFESSIONAL EDUCATION (36 hours)

Must be completed with a grade of "C" or higher unless otherwise noted.

Please refer to course descriptions for any prerequisites for the following courses.

Introduction to Education Coursework (6 hours):
 EDUC 2116/L Structured Observations of Teaching and Learning & Laboratory
 SPED 300 Introduction to Special Education

Foundations of Teaching Coursework (12 hours):
 BLED 350 Cultural Linguistic Pluralism
 EDF 301 Foundations of Education & Learning
 EDF 309 Technology for the Classroom
 SED 415 Reading and Content Area Literacy

Foundations of Teacher Education Coursework (6 hours):
 SED 402/L Effective Teaching and Learning: Planning and Assessment and Laboratory
 SED 405 Effective Teaching & Learning: Classroom Management and Issues in Education

Capstone Experience (12 hours):
 SED 460 Student Teaching Secondary

ELECTIVES as needed to satisfy requirement of 125-135 total credit hours.