



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

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| <b>Major:</b> <u>Biology Secondary Licensure</u> | <b>Minor:</b> <u>Not required</u>                |
| <b>Emphasis:</b> <u>N/A</u>                      | <b>Degree:</b> <u>Bachelor of Science (B.S.)</u> |

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 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.

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| <b>BACHELOR'S DEGREE REQUIREMENTS (6 hours)</b>                 |
| FYEX 1110 First-Year Seminar<br>Diversity/Global Upper-Division |

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| <b>TEACHER GENERAL EDUCATION REQUIREMENTS (41-44 hours)</b> |
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| <b>REQUIREMENTS in Biology Core (20 hours)</b>   |
| BIOL 2110/L Principles of Biology: Cellular & Molecular Biology<br>BIOL 2610/L Principles of Biology: Biodiversity, Ecology & Evolution<br>BIOL 305 Evolution & Systematics<br>BIOL 407 Teaching Methods in Science<br>BIOL 492 Undergraduate Seminar & Assessment<br><br>One course and lab from:<br>BIOL 303/L General Ecology -OR-<br>BIOL 304/L Genetics -OR-<br>BIOL 306/L Microbiology |

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| <b>REQUIREMENTS in other areas (31-32 hours)</b>   |
| CHEM 1215/L General Chemistry I for STEM Majors<br>CHEM 1225/L General Chemistry II for STEM Majors<br>GEOL 1110/L Physical Geology<br>MATH 1220 College Algebra<br>MATH 1350 Introduction to Statistics<br>MATH 1430 Applications of Calculus I -OR-<br>MATH 1510 Calculus I<br>PHYS 1230/L Algebra-Based Physics I<br>PHYS 1240/L Algebra-Based Physics II |

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| <b>REQUIREMENTS in Professional Education (33 hours)</b>  |
| Must be completed with a grade of "C" or higher unless otherwise noted.<br>Please refer to course descriptions for any prerequisites for the following courses.<br><b>Introduction to Education Coursework</b><br>EDUC 2116/L Structured Observations of Teaching & Learning & Laboratory<br>SPED 300 Introduction to Special Education<br><br><b>Foundations of Teaching Coursework</b><br>BLED 350 Cultural Linguistic Pluralism<br>EDF 301 Foundations of Education & Learning<br>EDF 309 Technology for the Classroom<br>RED 495/L Secondary Education Content Area Literacy & Strategies<br><br><b>Foundations of Teacher Education Coursework</b><br>SED 402/L Effective Teaching & Learning: Planning & Assessment<br>SED 405 Effective Teaching & Learning: Classroom Management & Issues in Educaiton<br><br>Capstone Experience |

**SED 460 Student Teaching Secondary**

**OPTIONAL Subject Endorsement (24 hours)**

Students seeking a secondary teaching license are encouraged to have an additional subject matter endorsement. The content major serves as the first subject matter endorsement. See catalog for programs offering coursework leading to endorsement with secondary licensure in New Mexico.

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