



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

<b>Major:</b> Chemistry	<b>Minor:</b> Not required.
<b>Emphasis:</b> Pre-Medicine	<b>Degree:</b> Bachelor of Science (B.S.)

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.

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

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

<b>REQUIREMENTS in Chemistry Core (26 hours)</b>
CHEM 1215/L General Chemistry I for STEM Major CHEM 1225/L General Chemistry II for STEM Major CHEM 2310/L Quantitative Analysis CHEM 341/L Organic Chemistry I CHEM 342/L Organic Chemistry II CHEM 450/L Instrumental Analysis CHEM 492 Undergraduate Seminar CHEM 495 Senior Chemistry Review

<b>REQUIREMENTS in Pre-Medicine Emphasis (16 hours)</b>
CHEM 321/L Inorganic Chemistry CHEM 401/L Biochemical Methods CHEM 411/L Physical Chemistry / Thermodynamics CHEM 452 Biochemistry CHEM 453 Advanced Biochemistry

<b>REQUIREMENTS in related areas (31 hours)</b>
BIOL 2110/L Principles of Biology: Cellular & Molecular Biology BIOL 2120 Cellular & Molecular Biology BIOL 2210/L Human Anatomy & Physiology I BIOL 2225/L Human Anatomy & Physiology II BIOL 304 Genetics BIOL 306/L Microbiology MATH 1220 College Algebra MATH 1430 Applications of Calculus I PHYS 1230/L Algebra-based Physics I PHYS 1240/L Algebra-based Physics II

**ELECTIVES** As needed to fulfill requirement of 120 total credit hours.