



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

Major: Biochemistry	Minor: Not required
Emphasis: N/A	Degree: 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.

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 Chemistry Core (26 hours)

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

REQUIREMENTS in Biochemistry Major (15-16 hours)

CHEM 401/L Biochemical Methods
CHEM 411/L Physical Chemistry I / Thermodynamics
CHEM 452 Biochemistry
CHEM 453 Advanced Biochemistry
CHEM 470 Investigative Problems

REQUIREMENTS in related areas (37 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 304 Genetics
BIOL 306/L General Microbiology
MATH 1220 College Algebra
MATH 1230 Trigonometry
MATH 1510 Calculus I
PHYS 1230/L Algebra-based I Physics I
PHYS 1240/L Algebra-based Physics II

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