



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

Major: Chemistry

Minor: Not Required

Emphasis: N/A

Degree: Bachelor of Science (B.S.)

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 grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

Note: The B.A. and B.S. degrees require 120 minimum total credit hours including 40 upper-division (300- or 400-level) hours and ENMU-Portales residency requirement (30 of the final 60 hours must be taken from ENMU-Portales). B.A. candidates must satisfy the language requirement (6-14 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 and Laboratory
* CHEM 1225/L General Chemistry II for STEM Major and Laboratory
CHEM 2310/L Quantitative Analysis and Laboratory
CHEM 341/L Organic Chemistry I and Laboratory
CHEM 342/L Organic Chemistry II and Laboratory
CHEM 450/L Instrumental Analysis and Laboratory
CHEM 492 Undergraduate Seminar
CHEM 495 Senior Chemistry Review

* May also be used to satisfy a General Education Requirement.

REQUIREMENTS IN CHEMISTRY (22-23 hours)

CHEM 321/L Inorganic Chemistry and Laboratory
CHEM 401/L Biochemical Methods and Laboratory
CHEM 411/L Physical Chemistry I/Thermodynamics and Laboratory
CHEM 412 Physical Chemistry/Quantum Mechanics
CHEM 452 Biochemistry
CHEM 453 Advanced Biochemistry
CHEM 470 Investigative Problems

REQUIREMENTS IN RELATED AREAS (31 hours)