



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

Major: Chemistry  
Emphasis: Pre-Medicine

Minor: Not Required  
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 PRE-MEDICINE EMPHASIS (16 hours)**

- CHEM 321/L Inorganic Chemistry and Laboratory
- CHEM 401/L Biochemical Methods and Laboratory
- CHEM 411/L Physical Chemistry/Thermodynamics and Laboratory
- CHEM 452 Biochemistry
- CHEM 453 Advanced Biochemistry

**REQUIREMENTS IN RELATED AREAS (37 hours)**