

# SCIENCE (CHEMISTRY) - ASSOCIATE OF SCIENCE

## Doña Ana Community College 2025-2026 Catalog

(60 Credits)

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits with a minimum cumulative grade-point average of at least 2.0. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework. A minimum of 15 of the total degree credits for the Associate's degree must be completed at DACC, or any other NMSU campus. The New Mexico General Education Requirements can be found in the section titled, "Transfer Among New Mexico Institutions of Higher Education".

Prefix	Title	Credits
<b>General Education</b>		
<i>Area I: Communications</i>		
ENGL 1110G	Composition I	4
ENGL 2210G	Professional and Technical Communication Honors	3
or ENGL 2221G	Writing in the Humanities and Social Science	
COMM 1130G	Public Speaking	3
or COMM 1115G	Introduction to Communication	
<i>Area II: Mathematics</i>		
MATH 1220G	College Algebra	3
<i>Area III/IV: Laboratory Sciences and Social/Behavioral Sciences <sup>1</sup></i>		
<i>Area III: Laboratory Sciences</i>		
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	4
CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	4
<i>Area IV: Social/Behavioral Sciences <sup>1</sup></i>		
<i>Area V: Humanities <sup>1</sup></i>		
<i>Area VI: Creative and Fine Arts <sup>1</sup></i>		
<i>General Education Elective <sup>1</sup></i>		
<b>Concentration Requirements</b>		
MATH 1250G	Trigonometry & Pre-Calculus	4
MATH 1511G	Calculus and Analytic Geometry I	4
MATH 1521G	Calculus and Analytic Geometry II	4
<b>Recommended STEM-H Electives</b>		
<i>Select courses from the following for a total of 15 credits based on BS or BA program in consultation with advisor</i>		
CHEM 2115	Survey of Organic Chemistry and Laboratory <sup>3</sup>	
MATH 2530G	Calculus III	
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab <sup>2</sup>	
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab <sup>2</sup>	
PHYS 2110 & 2110L	Mechanics and Experimental Mechanics	

PHYS 2140 & 2140L Electricity and Magnetism and Electricity & Magnetism Laboratory

Total Credits 60-61

<sup>1</sup> See the General Education (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) Section of the catalog for a full list of courses

<sup>2</sup> Not Applicable to the BS in Chemistry at NMSU-MA

<sup>3</sup> Not Applicable to BS or BA in Chemistry at NMSU-MA