

# SCIENCE (CHEMISTRY) - ASSOCIATE OF SCIENCE

## (60-61 credits)

### A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

Students must complete at least 60 credits with a minimum cumulative grade-point average of 2.0. 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".

**NOTE:** Not all General Education ('G') courses listed below are taught at DACC. Please check DACC's current schedule for actual course offerings.

A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

First Year		
Semester 1		Credits
ENGL 1110G	Composition I	4
MATH 1220G	College Algebra	3
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	4
Social/Behavioral Sciences <sup>1</sup>		3
Humanities <sup>1</sup>		3
<b>Credits</b>		<b>17</b>
Semester 2		
ENGL 2210G	Professional and Technical Communication Honors	3
CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	4
MATH 1250G	Trigonometry & Pre-Calculus	4
Recommended STEM-H Electives & Electives <sup>2</sup>		4
<b>Credits</b>		<b>15</b>
Second Year		
Semester 1		
MATH 1511G	Calculus and Analytic Geometry I	4
COMM 1130G	Public Speaking	3
or COMM 1115G	or Introduction to Communication	
Recommended STEM-H Electives & Electives <sup>2</sup>		4
Creative & Fine Arts <sup>1</sup>		3
<b>Credits</b>		<b>14</b>
Semester 2		
CHEM 2115	Survey of Organic Chemistry and Laboratory <sup>3</sup>	4
Recommended STEM-H Electives and Electives <sup>2</sup>		7
General Education Elective <sup>1</sup>		3-4
<b>Credits</b>		<b>14-15</b>
<b>Total Credits</b>		<b>60-61</b>

<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> Recommended STEM-H Electives and Electives:  
MATH 1521G Calculus and Analytic Geometry II  
MATH 2530G Calculus III  
PHYS 1230G Algebra-Based Physics I  
& PHYS 1230L Algebra-Based Physics I Lab  
PHYS 1240G Algebra-Based Physics II  
& PHYS 1240L Algebra-Based Physics II Lab  
PHYS 2110 Mechanics  
& PHYS 2110L Experimental Mechanics  
PHYS 2140 Electricity and Magnetism  
& PHYS 2140L Electricity and Magnetism Lab

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