

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 or ENGL 1110H	Composition I or Composition I Honors	4
MATH 1220G	College Algebra	3
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	4
Social/Behavioral Sciences ¹		3
Humanities ¹		3
Credits		17

Semester 2

ENGL 2210G or ENGL 2210H	Professional and Technical Communication or Professional and Technical Communication	3
CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	4
MATH 1250G	Trigonometry & Pre-Calculus	4
Recommended STEM-H Electives & Electives ²		4
Credits		15

Second Year

Semester 1

MATH 1511G or MATH 1511H	Calculus and Analytic Geometry I or Calculus and Analytic Geometry I Honors	4
COMM 1130G or COMM 1115G or HNRS 2175G	Public Speaking or Introduction to Communication or Introduction to Communication Honors	3
Recommended STEM-H Electives & Electives ²		4
Creative & Fine Arts ¹		3
Credits		14

Semester 2

CHEM 2115	Survey of Organic Chemistry and Laboratory ³	4
Recommended STEM-H Electives and Electives ²		7

General Education Elective ¹	3-4
Credits	14-15
Total Credits	60-61

¹ 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

² 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

³ Not applicable to BA or BS in Chemistry at NMSU-MA