

SCIENCE - ASSOCIATE OF SCIENCE

The Associate of Science degree allows students to complete many of the general education requirements for a bachelor's degree while still at the community college. Students should take electives that apply toward the requirements of their chosen bachelor's degree. The science electives may be taken at DACC or at NMSU. *Students who wish to transfer to NMSU and major in Biology, Chemistry, Computer Science, or Mathematics, should consider selecting the appropriate Concentration and follow the related Roadmap, in consultation with their advisor.*

Doña Ana Community College

2025-2026 Catalog Associate of Science (60 credits)

Students must complete 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.

Prefix	Title	Credits
<i>Area I: Communications</i>		
<i>English Composition - Level 1</i>		
ENGL 1110G	Composition I ¹	4
<i>English Composition - Level 2</i>		
Select one from the following:		3
ENGL 2210G	Professional and Technical Communication Honors	
ENGL 2221G	Writing in the Humanities and Social Science	
<i>Oral Communication</i>		
COMM 1130G	Public Speaking	3
or COMM 1115G	Introduction to Communication	
Area I requirements may also be met by other approved General Education Area I courses listed in the current NMSU Catalog.		
<i>Area II: Mathematics</i>		
Select one course from the following: ¹		3-4
MATH 1220G	College Algebra	
MATH 1250G	Trigonometry & Pre-Calculus	
MATH 1350G	Introduction to Statistics	
MATH 1430G	Applications of Calculus I	
MATH 1511G	Calculus and Analytic Geometry I	
MATH 1521G	Calculus and Analytic Geometry II	
MATH 2350G	Statistical Methods	
<i>Area III/IV: Laboratory Sciences and Social/Behavioral Sciences</i>		
Area III: Laboratory Sciences ²		8
Area IV: Social/Behavioral Sciences ²		3
Area V: Humanities ²		3

Area VI: Creative and Fine Arts ²	3
General Education Elective ²	3-4
Science, Technology, Engineering, Mathematics and Health (STEM-H) Electives	
Select any course from within the following STEM-H prefixes: ³	21
STEM-H electives should be selected in consultation with an academic advisor, the NMSU Catalog and the bachelor's degree requirements to ensure course transfer. ⁴	
Electives, to bring the total credits to 60 ⁵	6-4
Additional College Electives (should be chosen in consultation with an academic advisor and the bachelor's degree requirements.) Take the appropriate number of electives to reach 60 credits.	
Total Credits	60

¹ A minimum grade of C- is required.

² 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

³ Not all prefixes are offered at DACC.

⁴ The STEM-H Elective course can be the following:

Courses

- ANTH 1135G Introduction to Biological Anthropology/ ANTH 1135L Introduction to Biological Anthropology Lab; ANTH 1160G World Archaeology
- SPHS 2110 Introduction to Communication Disorders
- E E 200 Linear Algebra, Probability and Statistics Applications; E E 212 Introduction to Computer Organization; E E 240 Multivariate and Vector Calculus Applications
- ENVS 1110G Environmental Science I; ENVS 2111 Environmental Engineering and Science; ENVS 2111L Environmental Science Laboratory
- EPWS 2996 Special Topics
- FSTE 2996 Special Topics; FSTE 2130G Survey of Food and Agricultural Issues; FSTE 2110G Food Science I
- FWCE 1120 Contemporary Issues in Wildlife and Natural Resources Management; FWCE 1110G Introduction to Natural Resources Management; FWCE 2110 Principles of Fish and Wildlife Management
- GENE 1110 Experimental Systems in Genetics
- NUTR 2110 Human Nutrition; NUTR 2120 Seminar I - Becoming a Nutrition Professional
- NURS 120 Health Information Introduction to Pharmacology; NURS 150 Medical Terminology; NURS 153 Medication and Dosage Calculation; NURS 155 Special Topics;
- SUR 222 Introduction to Geomatics; SUR 285 Precise Digital Mapping

Prefixes

- A E
- AERT
- AGRO
- AHS
- ANSC (excluding ANSC 1120H, ANSC 1180, ANSC 1140)
- ARCH
- ASTR
- AUTO
- AXED (excluding AXED 2130))
- BCHE

- BCIS
- BCT
- BIOL
- C E
- C S
- CHEM
- CHME
- DAS
- DHYG
- DMS
- DRFT
- E T
- ELT
- ENGR
- FDMA
- FIRE
- GEOG
- GEOL
- HIT
- HORT
- HVAC
- I E
- ICT
- INMT
- MAT
- MATH
- M E
- NA
- NSC
- OEBM
- OECS
- OEEM
- OEET
- OEGR
- OECS
- OETS
- OSEC
- OTEC
- PHLS
- PHYS
- RADT
- RESP
- RGSC
- CTEC
- SMET
- SOIL
- SURG
- TCEN
- WATR
- WELD

needed to bring the total to 60 credits and may appear in variable form based on the degree. However students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.

(60-62 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.

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A Suggested Plan of Study

First Year

Fall		Credits
MATH 1220G	College Algebra	3
ENGL 1110G	Composition I	4
Area III: Laboratory Science Course ¹		4
Elective ²		3
Credits		14
Spring		
ENGL 2210G	Professional and Technical Communication Honors	3
MATH or Science Elective		3
Area III: Laboratory Science Course ¹		4
OECS 105	Introduction to Information Technology	3
Area IV: Social/Behavioral Science Course ¹		3
Credits		16

Second Year

Fall		
COMM 1130G or COMM 1115G	Public Speaking or Introduction to Communication	3
MATH 1350G	Introduction to Statistics	3
Area V: Humanities Course ¹		3
Science Elective ²		3-4
Elective ²		3
Credits		15-16
Spring		
Area VI: Creative and Fine Arts Course ¹		3
Science Elective		3-4
Math or Science Elective		3

⁵ Elective credit may vary based on prerequisites, dual credit, or AP credit. The amount indicated in the requirements list is the amount

Electives (two 3 credit courses)	6
Credits	15-16
Total Credits	60-62

¹ See the General Education (<https://catalogs.nmsu.edu/grants/general-education/>) section of the catalog for a full list of courses

² Select a minimum of 24 credits of lower division courses, 12 credits of which must be in MATH or Laboratory Science. SPAN 1110 and SPAN 1120 are recommended for some Bachelor degree programs.