SCIENCE (COMPUTER SCIENCE) - ASSOCIATE OF SCIENCE

Doña Ana Community College 2024-2025 Catalog

Associate of Science (Computer Science) Degree

(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
General Education		
Area I: Communications		
ENGL 1110G	Composition I	4
ENGL 2210G	Professional and Technical Communication Honors	3
COMM 1130G	Public Speaking	3
or COMM 1115G	Introduction to Communication	
Area II: Mathematics		
MATH 1250G	Trigonometry & Pre-Calculus	4
Area III/IV: Laboratory Sciences and Social/Behavioral Sciences [1]		
Area III: Laboratory Sciences [1]		*8*
Area IV: Social/Behavioral Sciences [1]		*3*
Area V: Humanities [1]		3
Area VI: Creative and Fine Arts [1]		3
General Education Elective [1]		3-4
Concentration Requirements		
C S 172	Computer Science I	4
C S 271	Object Oriented Programming	4
C S 272	Introduction to Data Structures	4
Recommended STEM-H Electives		
C S 151	C++ Programming [2]	3
or C S 153	Python Programming I	
MATH 1511G	Calculus and Analytic Geometry I	4
MATH 1521G	Calculus and Analytic Geometry II	4
MATH 2415	Introduction to Linear Algebra	3
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] Not Applicable to BS or BA in Computer Science at NMSU-MA