

COMPUTER INFORMATION SYSTEMS - ASSOCIATE OF APPLIED 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.

The New Mexico General Education Requirements (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) can be found in the section titled, "Transfer Among New Mexico Institutions of Higher Education".

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. 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.

First Year

Fall		Credits
ENGL 1110G	Composition I	4
CIST 1411	Introduction to Networks	4
CIST 2311	Database Concepts and Principles	3
CIST 2321	Visual Analytics	3
Elective ¹		3
Credits		17

Spring

ENGL 2210G	Professional and Technical Communication	3
Choose one from the following:		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	
Elective ¹		3
CIST 2210	Introduction to SQL (Structured Query Language)	3
CIST 2331	Predictive Analytics	3
Credits		15-16

Second Year

Fall		Credits
CSCI 1115G	Modern Computing in Practice	4
CTEC 152	JAVA Programming	3
or CSCI 1210	or Java Programming	
CIST 1413	Network Administration Concepts	4
Elective Course		
CIST 2251	Python Programming II	3
Credits		14

Spring

PHIL 1120G	Logic, Reasoning, & Critical Thinking	3
or PHIL 2110G	or Introduction to Ethics	

Elective ¹		9
CIST 2812	Fundamentals of Cybersecurity	3
Credits		15
Total Credits		61-62

¹ Approved Elective with prefix of BCIS, CSCI, CIST, E T, ICT, or AIML