

MATHEMATICS

Associate of Science

The Associate of Science degree is intended for transfer to a four-year baccalaureate granting institution. Those wishing to transfer to a baccalaureate granting institution and pursue a degree program are strongly encouraged to check with their advisor and carefully coordinate their coursework at San Juan College with the requirements of the transfer institution. Prerequisite courses must be completed prior to the courses listed below (e.g., MATH 180 and 185 prior to MATH 188). In general, however, it is suggested that students complete the New Mexico Transfer Module as outlined below.

	Credits
Communications:	
ENGL 111 Freshman Composition	3
ENGL 211 Advanced Composition	3
SPCH 110 Public Speaking OR	3
SPCH 111 Interpersonal Communication	
Mathematics:	
MATH 188 Calculus I	4
MATH 189 Calculus II	4
MATH 268 Calculus III	4
Social and Behavioral Science: Select two.	6
Anthropology (ANTH 110, 210, 211, 255)	
Economics (ECON 251, 252)	
Human Geography (GEOG 145)	
Introduction to Psychology (PSYC 120)	
Political Science (POLS 110, 250)	
Sociology (SOC 110, 210, 215)	
Humanities and Fine Arts: Select three.	9
Orientation in Arts (ARTS 110)	
History (HIST 121, 122, 211, 212)	
Humanities (HUMA 210, 211)	
Literature (ENGL 230, 235, 245, 251, 252, 261, 262)	
Music (MUSI 110, 111, 112, 114, 115, 130 OR 131)	
Philosophy (PHIL 110, 115)	
Theatre (THEA 110, 120)	
Mathematics – Core classes:	
COSC 118 Computer Programming Fundamentals I with C++ OR	3
COSC 214 Visual Basics I	
MATH 231 Discrete Mathematics	3
MATH 251 Statistics	4
PHYS 215 Engineering Physics I	4
PHYS 216 Engineering Physics II	4
Approved Science OR mathematics elective*	3-4
Approved Science OR mathematics elective*	3-4
Approved Science Elective* (See Approved Science Elective below)	4

Total credit hours required for this degree 64-66

* Approved science and mathematics elective courses are:

CHEM 111, 112
 CE 233, EE 201, ME 159, ME 234, ME 240
 GEOL 110, 111
 PHYS 217
 MATH 275, 282