

PRE-MEDICAL SCIENCE 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. In general, however, it is suggested that students complete the New Mexico Transfer Module as outlined below. Prerequisite courses must be completed prior to the courses listed below (e.g., MATH 180 and 185 prior to MATH 188).

The following course outline is a guide not a prescription. Students transferring into such areas as medicine, veterinary medicine, dentistry, optometry, and pharmacy are strongly encouraged to check with their advisor. Students planning to apply to a post-baccalaureate medical education should major in biology, chemistry, or general science with a preponderance of courses in biology or chemistry.

Communications:	Credits
ENGL 111 Freshman Composition	3
ENGL 211 Advanced Composition	3
SPCH 110 Public Speaking OR	
SPCH 111 Interpersonal Communication	3

Mathematics:	
MATH 188 Calculus I	4

Social and Behavioral Science: Minimum of 9 credits	9
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: Minimum of 6 credits	6
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)	

Pre-medical Science Core Courses:	
BIOL 121 General Biology I*	4
BIOL 122 General Biology II*	4
BIOL 255 Introduction to Genetics	4
CHEM 111 General Chemistry I*	4
CHEM 112 General Chemistry II*	4
COSC 111 Computer Literacy OR higher computer science	3
Science electives	12

Total credit hours required for this degree 63

Approved Science electives:	
BIOL 260 Cell Biology	4
CHEM 251 Organic Chemistry I*	4
CHEM 252 Organic Chemistry II*	4
BIOL 224 Microbiology	4
BIOL 299 Biochemistry	3
PHYS 211 General Physics I*	3
PHYS 211L General Physics I Lab	1
PHYS 212 General Physics II*	3
PHYS 212L General Physics II Lab	1

* Needed for MCAT