

PRE-MEDICAL SCIENCE  
Associate of Science Degree  
Catalog 2009 – 2010

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. Pre-requisite courses must be completed prior to the courses listed below (e.g., MATH 180 and 185 prior to MATH 188).

The following is a course outline is a guide not a prescription. For students transferring in 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.

				Credit	
<b>1<sup>st</sup> Semester</b>				Hours	Grade
_____	BIOL	121	General Biology I+	4	_____
_____	CHEM	111	General Chemistry I+	4	_____
_____	ENGL	111	Freshman Composition	3	_____
_____	MATH	188	Calculus I	4	_____
_____	_____	_____	Social and Behavioral Science Elective*	<u>3</u>	_____
				Total 18	
<b>2<sup>nd</sup> Semester</b>					
_____	BIOL	122	General Biology II+	4	_____
_____	CHEM	112	General Chemistry II+	4	_____
_____	ENGL	211	Advanced Composition	3	_____
_____	_____	_____	Science Elective **	4	_____
_____	_____	_____	Social and Behavioral Science Elective*	<u>3</u>	_____
				Total 18	
<b>3<sup>rd</sup> Semester</b>					
_____	_____	_____	Humanities/Fine Arts Elective*	3	_____
_____	_____	_____	Science Elective**	4	_____
_____	_____	_____	Science Elective**	4	_____
_____	SPCH	110	Public Speaking <b>OR</b>		
_____	SPCH	111	Interpersonal Communication	<u>3</u>	_____
				Total 14	
<b>4<sup>th</sup> Semester</b>					
_____	BIOL	255	Introduction to Genetics (taught fall semester only)	4	_____
_____	COSC	111	Computer Literacy <b>OR</b>		
_____	_____	_____	Higher Computer Science	3	_____
_____	_____	_____	Humanities and Fine Arts Elective*	3	_____
_____	_____	_____	Science Elective**	4	_____
_____	_____	_____	Social and Behavioral Science Elective*	<u>3</u>	_____
				Total 17	

Total credit hours required for this degree 67

\* See page 158, Areas IV and V, 2009-2010, San Juan College catalog.

\*\* Science Electives:

BIOL 224 – Microbiology

BIOL 260 - Cell Biology (spring semester on odd-numbered years)

BIOL 299 - Biochemistry

CHEM 251 – Organic Chemistry I+

+ Needed for MCAT (Medical College Admission Test)

CHEM 252 - Organic Chemistry II+

PHYS 211 – General Physics I+

PHYS 211L – General Physics I Lab

PHYS 212 – General Physics II+

PHYS 212L – General Physics II Lab