

BIOLOGY
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. Pre-requisite 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.

1st Semester			Credit Hours	Grade	
_____	BIOL	121	Introductory Biology I	4	_____
_____	COSC	111	Computer Literacy OR		
_____	_____	_____	Higher Computer Science	3	_____
_____	ENGL	111	Freshman Composition	3	_____
_____	MATH	188	Calculus I	<u>4</u>	_____
			Total	14	
2nd Semester					
_____	BIOL	122	Introductory Biology II	4	_____
_____	ENGL	211	Advanced Composition	3	_____
_____	_____	_____	Humanities and Fine Arts course**	3	_____
_____	_____	_____	Approved Science Selection*	4	_____
_____	_____	_____	Approved Science Selection*	<u>4</u>	_____
			Total	18	
3rd Semester					
_____	BIOL	255	Introduction to Genetics	4	_____
_____	_____	_____	Humanities and Fine Arts course**	3	_____
_____	_____	_____	Social and Behavioral Science course**	3	_____
_____	SPCH	110	Public Speaking OR		
_____	SPCH	111	Interpersonal Communication	3	_____
_____	_____	_____	Approved Science Selection*	<u>4</u>	_____
			Total	17	
4th Semester					
_____	BIOL	240	Ecology (spring only)	4	_____
_____	_____	_____	Humanities and Fine Arts course**	3	_____
_____	_____	_____	Social and Behavioral Science course**	3	_____
_____	_____	_____	Approved Science Selection*	4	_____
_____	_____	_____	Approved Science Selection*	<u>4</u>	_____
			Total	18	

Total credit hours required for this degree is 67

* Approved Science Selections:

BIOL 220 – General Botany (spring only)	CHEM 251 – Organic Chemistry I (fall only)
BIOL 222 – Invertebrate Zoology (fall of even-numbered years)	CHEM 252 – Organic Chemistry II (spring only)
BIOL 223 – Vertebrate Zoology (fall of odd-numbered years)	CHEM 210 – Organic Chemistry Survey (on demand)
BIOL 224 – Microbiology	GEOL 110 – Introduction to Geology
BIOL 230 – Environmental Conservation	GEOL 111 – Historical Geology (on demand)
BIOL 250 – Systematic Biology (on demand)	PHYS 211 – General Physics I
BIOL 260 – Cell Biology (spring of odd-numbered years)	PHYS 211L – General Physics I Lab
CHEM 111 – General Chemistry I	PHYS 212 – General Physics II
CHEM 112 – General Chemistry II	PHYS 212 L – General Physics II Lab

** See page 158 for Social and Behavioral Science; and Humanities and Fine Arts, 2009-2010 San Juan College catalog.