

BIOLOGY
Pre-Medicine, Pre-Veterinarian, Pre-Dentistry Option
ASSOCIATE IN SCIENCE DEGREE

PROGRAM OBJECTIVE

To prepare students to transfer into a four-year program in biology. Students who follow this option plan to continue their studies in such fields as medicine, dentistry, veterinarian science, physician assisting, biotechnology, microbiology, molecular biology, genetic or biochemical engineering, pharmacy, and physical therapy.

COURSE REQUIREMENTS

Student_____ Advisor_____ DATE_____

FIRST SEMESTER

		<u>CREDITS</u>	<u>COURSES TAKEN</u>	<u>GRADE</u>
ENG 101	English Composition ¹	3	_____	_____
MAT 151	Calculus I	4	_____	_____
BIO 101	General Biology I	4	_____	_____
CHE 101	General Chemistry I	4	_____	_____
CMN 111 or	Communication	<u>3</u>	_____	_____
CMN 112		18		

SECOND SEMESTER

ENG 102	English Composition ¹	3	_____	_____
BIO 102	General Biology II	4	_____	_____
CHE 102	General Chemistry II	4	_____	_____
	General Education ²	<u>3</u>	_____	_____
		14		

THIRD SEMESTER

CHE 201	Organic Chemistry I	5	_____	_____
MAT 152	Calculus II	4	_____	_____
	Biology Elective ³	4	_____	_____
	General Education ²	<u>3</u>	_____	_____
		16		

FOURTH SEMESTER

HPE 110	Concepts of Health & Fitness	2	_____	_____
CHE 202	Organic Chemistry II	5	_____	_____
	Biology Elective ³	4	_____	_____
	General Education ²	<u>3</u>	_____	_____
		14		

TOTAL		62		
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APPROVED ELECTIVES

1. **ENGLISH COMPOSITION:** Initial course determined by placement. Six credits in English Composition required for graduation.
2. **APPROVED GENERAL EDUCATION ELECTIVES:** Students must select 3 courses (9 credits). One of the electives must be from the Social Science General Education list, one must be from the Humanities General Education list, and one may be from either of the two categories.

Social Science General Education Electives

Anthropology (ANT): 101
Economics (ECO): 103, 111, 112
Geography (GEO): 101, 102
Political Science (POL): 101, 102, 201
Psychology (PSY): 101, 206, 207
Sociology (SOC): 101, 107

Humanities General Education Electives

Communication (CMN): 107
English (ENG): 201, 202, 203, 204, 205, 206, 208, 211, 212, 213, 216, 221, 227, 228, 238
Fine Arts (ART): 101, 121, 122, 123, 124, 125, 126
Foreign Language: All Arabic (ARB), Chinese (CHI), French (FRE), German (GER), Italian (ITA), Japanese (JPN), Latin (LAT), Spanish (SPA) except SPA121 and 122
History (HIS): 101, 102, 105, 106, 109, 112, 113, 213, 214, 215, 218, 221, 231
Music (MUS): 103, 155, 156, 224, 225
Philosophy (PHI): 102, 113, 204, 205
Photography (PHO): 110
Religious Studies (REL): 101, 102,
Theatre (THR): 101, 210, 212

3. **APPROVED BIOLOGY ELECTIVES:** Student must select two of the biology courses listed below:

BIO 201, Microbiology* (Fall, Spring, Summer)	BIO 204, Ecology (Fall)
BIO 202, Woody Plants (Spring)	BIO 208, Genetics* (Spring)
BIO 203, Entomology (Fall)	

*Highly recommended