

**#2160**  
**BIOLOGY: HEALTH**  
**RELATED TRACK**  
**Science & Math Degree**

**FALL 2021**

**NOTES:**

**Note:** All developmental Math and English courses (including ESL) must be completed before enrolling in the core science courses.

**BIOLOGY: HEALTH RELATED TRACK****Science & Math Degree****#2160****Suggested Sequence by Semester***This suggested sequence does not include any required developmental courses.**Degree completion time may vary depending upon the number of credits taken each semester.*

<b>SEMESTER I</b>			<b>CREDITS</b>	<b>SEMESTER II</b>			<b>CREDITS</b>
English Composition I	ENG 111	3		English Composition II	ENG 112	3	
General Biology I	BIO 121	4		General Biology II	BIO 122	4	
Precalculus	MAT 123	4		Social Science Elective		3	
Math/Science/Technology Elective		<u>3</u>		Analytic Geometry & Calculus I <b>OR</b>	MAT 131		
				Probability and Statistics	MAT 130	<u>4</u>	
	<b>TOTAL</b>	14			<b>TOTAL</b>	14	
<b>SEMESTER III</b>				<b>SEMESTER IV</b>			
Anatomy & Physiology I	BIO 101	4		Anatomy & Physiology II	BIO 102	4	
General Chemistry I Lecture	CHM 125	3		General Chemistry II Lecture	CHM 127	3	
General Chemistry I Lab	CHM 126	1		General Chemistry II Lab	CHM 128	1	
Biology Elective		4		Social Science/Humanities Elective		3	
General Education Elective		<u>3</u>		General Education Elective		3	
	<b>TOTAL</b>	15		Humanities Elective		<u>3</u>	
					<b>TOTAL</b>	17	

**MATH/SCIENCE/TECHNOLOGY**

**MATHEMATICS:** Students demonstrating proficiency in MAT 123 Precalculus are encouraged to take MAT 131 Analytic Geometry and Calculus I followed by MAT 130 Probability and Statistics or MAT 132 Analytic Geometry and Calculus II. You may use an additional Math class as an elective in the Math/Science/Technology category.

**BIOLOGY ELECTIVES:** Select from the following courses:

BIO 202 Ecology

BIO 215 Microbiology

BIO 201 Genetics (Spring)

BIO 223 Cell and Molecular Biology (Fall)

CHM 212 Biochemistry

CHM 218 Analytical Chemistry - Instrumental Analysis

**NOTE:** BIO 101 and BIO 102, Anatomy & Physiology I & II cannot be substituted for the Biology Elective.

**TECHNOLOGY LITERACY:** Consult the General Education course list for approved courses in Science and Technology.

**If you do not pass the Technology Literacy Competency exam,** you must take one of the courses in the Technological Competency or Information Literacy listing from the General Education course list. This course can be used to fulfill a General Education Math/Science/Technology elective.

**GENERAL EDUCATION ELECTIVES:** Please select any courses from the approved list of General Education courses. Students who plan to transfer to a B.A. (Bachelor of Arts) degree program should take COM 109, Speech Fundamentals since this is required for B.A. degrees.

**HUMANITIES:** Please select appropriate courses from the approved list of General Education courses for Humanities.

**SOCIAL SCIENCES:** Please select appropriate courses from the approved list of General Education courses for Social Science.

**NOTE:** BIO 233 Independent Study in Biology does not fulfill any of the science requirements in Biology but may be taken as a free elective.

**HONORS COURSES:** BIO 121, BIO 122 and BIO 202 offer selected sections with an honors option. Consult with your Academic Advisor for more information.

**GENERAL EDUCATION:** [Click here for the more recent General Education course list.](#)