



## BIOLOGY MAJOR WITH PRE-MEDICINE MAJOR

Four-year plan for students starting in odd years

**This is a suggested program guide. It is not to be interpreted as a contract. Changes may occur. Please see your program advisor before you register for courses.** updated 3/19

YEAR	FALL	SPRING
First Year	BENV100 Becoming a Scholar 3 Living Well Competency 2-3 <b>CEM 121 General Inorganic Chemistry 1</b> 5 <b>MAT 135 Calculus 1</b> 5 Total 15-16	Writing Well Competency 3 <b>BIO 135 Botany</b> 4 <b>CEM 122 General Inorganic Chemistry 2</b> 5 <b>MAT 136 Calculus 2</b> 5 Total 17
Second Year	Speaking and Listening Competency 3 <b>BIO 230 Human Anatomy &amp; Physiology 1</b> 4 <b>CEM 221 Organic Chemistry 1</b> 4 <b>PHY 211 Physics for Science/Engineering 1</b> 5 Total 16	Creative Expression Competency 3 <b>BIO 231 Human Anatomy &amp; Physiology 2</b> 4 <b>CEM 222 Organic Chemistry 2</b> 4 <b>PHY 212 Physics for Science/ Engineering 2</b> 5 Total 16
Third Year	BENV200 Learning in Community 5 <b>BIO 330 General Ecology*</b> 4 <b>BIO 335 Cell Biology</b> 4 Reading the Bible Competency 3 Total 16	BENV300 Cross-cultural Experience 3 <b>BIO 302 Invertebrate Zoology*</b> 4 <b>BIO 301 Microbiology</b> 4 <b>CEM 230 Analytical Chemistry</b> 4 Total 15
Fourth Year	Understanding Self and Society Competency 3 Exploring the Past Competency 3 <b>BIO 303 Genetics*</b> 4 <b>CEM 326 Physical Chemistry 1*</b> 5 Total 15	Religious Understanding Competency 3 BENV400 Christian Values in a Global Community 2 <b>BIO 310 Developmental Biology*</b> 4 <b>CEM 341 Biochemistry*</b> 3 Total 12

\*Alternate year courses

**Boldface** print denotes major course requirement. A statistics class is also highly recommended.

**Boldface and italics** print denotes the five extra courses for the pre-medicine major.

Total hours needed to complete graduation requirements are 124. (This includes 2 hours of arts and lecture credit.)