

## BIOLOGY 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 5/16

YEAR	FALL	SPRING
First Year	LAS 105 Becoming a Scholar 3 Electives/General Education 3 (MAT 114 Pre-calculus – if needed 4) <b>CEM 121 General Inorganic Chemistry 1</b> 5 <b>MAT 135 Calculus 1</b> <u>5</u> Total 16	ENG 110/120 College English 3 Electives/General Education 3 <b>BIO 135 Botany</b> 4 <b>CEM 122 General Inorganic Chemistry 2</b> <u>5</u> Total 15
Second Year	Electives/General Education 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> <u>5</u> Total 16	Electives/General Education 6 <b>BIO 231 Human Anatomy &amp; Physiology 2</b> 4 <b>PHY 212 Physics for Science/ Engineering 2</b> <u>5</u> Total 15
Third Year	Electives/General Education 6 <b>BIO 330 General Ecology*</b> 4 <b>BIO 235 Cell Biology</b> <u>4</u> Total 14	Electives/General Education 3 LAS 342 Cross-cultural Experience 4 <b>BIO 205 Invertebrate Zoology*</b> 4 <b>BIO 301 Microbiology</b> <u>4</u> Total 15
Fourth Year	Electives/General Education 8 LAS 400 Christian Values in a Global Comm. 3 <b>BIO 200 Genetics</b> <u>4</u> Total 15	Electives/General Education 12 <b>BIO 310 Developmental Biology*</b> <u>4</u> Total 16

124 total hours to complete graduation requirements (this includes 2 hours of arts and lecture credit)

Bold face print denotes major course requirement

\*Alternate year courses

Students anticipating graduate study should take Calculus 2 and Organic Chemistry 2.