

BIOLOGY MAJOR WITH PRE-MEDICINE MAJOR

Four-year plan for students starting in even 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 6/18

YEAR	FALL	SPRING
First Year	LAS 105 Becoming a Scholar 3 Electives/General Education 3 CEM 121 General Inorganic Chemistry 1 5 MAT 135 Calculus 1 5 Total 16	ENG 110/120 College English 3 BIO 135 Botany 4 CEM 122 General Inorganic Chemistry 2 5 MAT 136 Calculus 2 5 Total 17
Second Year	Electives/General Education 3 BIO 230 Human Anatomy & Physiology 1 4 CEM 221 Organic Chemistry 1 4 PHY 211 Physics for Science/Engineering 1 5 Total 16	Electives/General Education 3 BIO 231 Human Anatomy & Physiology 2 4 CEM 222 Organic Chemistry 2 4 PHY 212 Physics for Science/ Engineering 2 5 Total 16
Third Year	Electives/General Education 3 BIO 200 Genetics* 4 BIO 235 Cell Biology 4 CEM 326 Physical Chemistry 1* 5 Total 16	LAS 342 Cross-cultural Experience 3 BIO 310 Developmental Biology* 4 BIO 301 Microbiology 4 CEM 341 Biochemistry* 3 Total 14
Fourth Year	Electives/General Education 12 BIO 330 General Ecology* 4 Total 16	Electives/General Education 3 LAS 400 Christian Values in a Global Community 3 BIO 205 Invertebrate Zoology* 4 CEM 230 Analytical Chemistry 4 Total 14

*Alternate year courses

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

Bold and italic print denotes extra courses for pre-medicine.

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