

BS -BIOLOGY (0477)  
(Suggested Eight-Semester Sequence)

First Semester

ENGL101 College Writing Skills (3)  
MATH107 PreCalculus (4)  
BIOL103 Principles of Biology (4)  
CHEM240 Principles of Chemistry I (4)  
TOTAL 15 sem. hrs.

Second Semester

ENGL102 Specialized College Writing/Research (3)  
BIOL240 Zoology (4)  
CHEM241 Principles of Chemistry II (4)  
MATH211 Analytical Geometry and Calculus I (4)  
Free Elective (3)  
TOTAL 18 sem. hrs.

Third Semester

BIOL230 Botany (4)  
CHEM301 General Organic Chemistry (4) or  
CHEM330 Organic Chemistry I (4)  
MATH260 Elements of Statistics (3) or  
MATH212 Analytical Geometry and Calculus II (4)  
Core (3)  
TOTAL 14 or 15 sem. hrs.

Fourth Semester

BIOL300 Genetics (4)  
CHEM331 Organic Chemistry II (4)  
Core (3)  
Core (3)  
Distribution (3)  
TOTAL 17 sem. hrs.

Fifth Semester

BIOL305 Cell/Molecular Biology (4)  
CHEM302 General Biochemistry (4)  
PHYS201 Physics I (4)  
Distribution (3)  
TOTAL 15 sem. hrs.

Sixth Semester

BIOL320 Plant Physiology (4) or  
BIOL340 Animal Physiology (4)  
PHYS202 Physics II (4)  
Core (3)  
Core (3)  
Distribution (3)  
TOTAL 17 sem. hrs.

Seventh Semester

BIOL500 Ecology (4)

Core (3)

Distribution (3)

Biology Electives \* (6)

TOTAL 16 sem. hrs.

Eighth Semester

Biology Electives \* (9)

Core (3)

TOTAL 12 sem. hrs.

\* Choose five from the following electives: BIOL302, BIOL308, BIOL314, BIOL320, BIOL340, BIOL341, BIOL342, BIOL395 (max 4 SH), BIOL409, BIOL490 (max 4 SH), BIOL520, BIOL521, BIOL522, BIOL523, BIOL537, BIOL540, BIOL541, BIOL542, BIOL543, BIOL547, BIOL555, BIOL557, BIOL561, BIOL562, BIOL601, BIOL602, BIOL603, BIOL604, BIOL609, BIOL610, BIOL640, BIOL641, BIOL643, BIOL646, BIOL661, BIOL664, BIOL681, BIOL682, PYMA\_\_\_\_, and/or MSCI\_\_\_\_\_.

(Revised: November 2006; Approved June 2007)  
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