

Biological Sciences Major Long-Range Planning Form

Consult the Biological Sciences section in *Courses of Study* for complete details regarding the major and for courses satisfying requirements. Also consult college sections in *Courses of Study* for information on college requirements for graduation.

AP credit for biology does not count toward the major

Foundation Requirements

- BIO Cluster:
(Choose 2 of 3)
 1. BIOMG 1350-Principles of Cell and Developmental Biology
 2. BIOG 1440- Introduction to Comparative Physiology **or** BIOG 1445-Introduction to Comparative Anatomy and Physiology, Individualized Instruction
 3. BIOEE 1610-Ecology and the Environment **or** BIOSM 1610-Ecology and the Marine Environment

- Investigative Lab: BIOG 1500 or BIOSM 1500
- General Chemistry: CHEM 2070-2080 or 2150
- Mathematics: Calculus 1 + 2nd math course
- Organic Chemistry: CHEM 1570 or 3530 or 3570-3580 or 3590-3600
- Physics: PHYS 1101-1102 or 2207-2208 or 1112-2213 (or PHYS 1112 - Physics I: Mechanics and Heat and PHYS 1110 - Introduction to Experimental Physics beginning fall 2021)
- Biochemistry: BIOMG 3300 or 3310-3320 or 3350 (3330 will no longer be offered as of Summer 2022 but will still count if already taken)
- Genetics Lecture: BIOMG 2800
- Genetics lab: BIOMG 2801
- Evolutionary Bio: BIOEE 1780 or BIOSM 1780 or BIOEE 1781

Concentration in Biological Sciences:

Concentration:

Courses:

(13-16 credits in concentration within Biological Sciences)

Year	Fall	Spring	Summer
1 st Year			
2 nd Year			
3 rd Year			
4 th year			