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**

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

2. Investigative Lab: BLOG 1500 or BIOSM 1500

3. General Chemistry: CHEM 2070-2080 or 2150

4. Mathematics: Calculus 1 + 2nd math course

5. Organic Chemistry: CHEM 1570 or 3530 or 3570-3580 or 3590-3600

6. 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)

7. 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)

8. Genetics Lecture: BIOMG 2800

9. Genetics Lab: BIOMG 2801

10. Evolutionary Bio: BIOEE 1780 or BIOSM 1780 or BIOEE 1781

**Concentration in Biological Sciences:**

Concentration:

Courses: (13-16 credits in concentration within Biological Sciences)

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