B.S. in Biology, Genetics & Evolution concentration (advanced chemistry) – four-year graduation plan

This is an example of a four-year graduation plan for a degree in Biology, with the Genetics & Evolution concentration (choosing advanced chemistry). Courses marked with * are electives within the major; other choices are available.

### Year 1

#### Autumn
- BIOB 160N/161N—Principles Living Systems/Lab (4)
- CHMY 141N/142N—College Chemistry I/Lab (5)
- M 171—Calculus I (4) [*or M 162 Applied Calculus*]
- Elective (1)

**Total: 14 credits**

#### Spring
- BIOB 170N/171N—Biological Diversity/Lab (5)
- CHMY 143N/144N—College Chemistry II/Lab (5)
- General Education Requirement (3)
- WRIT 101—College Writing I (3)

**Total: 16 credits**

### Year 2

#### Autumn
- BIOB 260—Cell and Molecular Biology (4)
- CHMY 221/222—Organic Chemistry I/Lab (5)
- Intermediate Writing Course (3)
- *STAT 216—Intro to Statistics (4)*

**Total: 16 credits**

#### Spring
- BIOB 272—Genetics and Evolution (4)
- CHMY 223/224—Organic Chemistry II/Lab (5)
- General Education Requirement (3)
- General Education Requirement (3)

**Total: 15 credits**

### Year 3

#### Autumn
- BIO 370/371—General Ecology/Lab (5)
- *BIOE 406—Behavior and Evolution (3)*
- PHSX 205N/206N—College Physics I/Lab (5)
- General Education Requirement (3)

**Total: 16 credits**

#### Spring
- BIOB 375—General Genetics (3)
- BIOB 486—Genomics (3)
- PHSX 207N/208N—College Physics II/Lab (5)
- General Education Requirement (3)

**Total: 14 credits**

### Year 4

#### Autumn
- *BCH 480—Advanced Biochemistry I (3)*
- *BIOB 483—Phylogenetics and Evolution (3)*
- *BIOE 485—Plant Evolution (3)*
- Upper Division Elective (4)
- Elective (1)

**Total: 14 credits**

#### Spring
- *BCH 482—Advanced Biochemistry II (3)*
- *BIOB 425—Adv. Cell and Molecular Biology (3)*
- General Education Requirement (3)
- Upper Division Elective (6)

**Total: 15 credits**

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* Eligibility depends on placement exams

*See catalog or your advisor for details on alternative course choices.*