## B.A. IN BIOLOGY, GENETICS & EVOLUTION OPTION (1 YEAR CHEMISTRY) – FOUR YEAR GRADUATION PLAN

This is an example of a four year graduation plan for a degree in Biology, with the Genetics & Evolution option (choosing one year chemistry and two semesters of statistics).

### YEAR 1

**Autumn**  
BIOB 160N—Principles of Living Systems (4)  
1CHMY 121N—Intro to General Chemistry (3)  
1,2M 171—Calculus I (4)  
3WRIT 101—College Writing I (3)  
**Total: 14 credits**

**Spring**  
BIOB 170N/171N—Biological Diversity/Lab (5)  
CHMY 123N/124N—Organic & Biochem/Lab (5)  
General Education Requirement (3)  
Elective (3)  
**Total: 16 credits**

### YEAR 2

**Autumn**  
BIOB 260—Cell and Molecular Biology (4)  
PHSX 205N/206N—College Physics I/Lab (5)  
Approved Writing Course (3)  
Elective (3)  
**Total: 15 credits**

**Spring**  
BIOB 272—Genetics and Evolution (4)  
PHSX 207N/208N—College Physics II/Lab (5)  
General Education Requirement (3)  
General Education Requirement (3)  
**Total: 15 credits**

### YEAR 3

**Autumn**  
2BIOE 406/409—Behavior and Evolution (4)  
3STAT 451/457—Statistical Methods I/Lab (4)  
General Education Requirement (3)  
Elective (4)  
**Total: 15 credits**

**Spring**  
BIOB 375—General Genetics (3)  
3STAT 452/458—Statistical Methods II/Lab (4)  
General Education Requirement (3)  
Elective (5)  
**Total: 15 credits**

### YEAR 4

**Autumn**  
BIOB 486—Genomics (3)  
BIOE 370/371—General Ecology/Lab (5)  
2CSCI 451—Computational Biology (3)  
Upper Division Elective (3)  
Elective (1)  
**Total: 15 credits**

**Spring**  
2BIOL 435—Comparative Animal Physiology (3)  
2BIOM 415—Microbial Diversity, Ecology, Evol (3)  
BCH 380—Biochemistry (4)  
General Education Requirement (3)  
Elective (2)  
**Total: 15 credits**

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1Eligibility depends on placement exams  
2See catalog or Biology Advising Office for details on alternative course choices.  
3Choose either one semester of statistics (STAT 216) or a full year (STAT 451/457-452/458); if STAT 216, you will need to take an additional 8 credits of upper division (elective) to reach 39 total.