B.S. in Biology, Genetics & Evolution option (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 option (choosing advanced chemistry).

Year 1

Autumn
BIOB 160N/161N—Principles Living Systems/Lab (4)
CHMY 141N/142N—College Chemistry I/Lab (5)
1M 171—Calculus I (4)
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)
1WRIT 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)
2STAT 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
BIOE 370/371—General Ecology/Lab (5)
2BIOE 406—Behavior and Evolution (3)
PHSX 205N/206N—College Physics I/Lab (5)
Upper Division Elective (3)
Total: 16 credits

Spring
BIOB 375—General Genetics (3)
2Biol 483—Phylogenetics and Evolution (3)
PHSX 207N/208N—College Physics II/Lab (5)
General Education Requirement (3)
Total: 14 credits

Year 4

Autumn
2BCH 480—Advanced Biochemistry I (3)
BIOB 486—Genomics (3)
BIOE 403—Comparative Vertebrate Anatomy (4)
General Education Requirement (3)
Elective (1)
Total: 14 credits

Spring
2BCH 482—Advanced Biochemistry II (3)
2BIOB 425—Adv. Cell and Molecular Biology (3)
General Education Requirement (3)
Upper Division Elective (6)
Total: 15 credits

1Eligibility depends on placement exams
2See catalog or DBS Advising Office for details on alternative course choices.