B.S. in Biology, Ecology & Organismal Biology option (advanced chemistry) – four year graduation plan

This is an example of a four year graduation plan for a degree in Biology, with the Ecology & Organismal Biology option (choosing advanced chemistry).

### Year 1

**Autumn**
- BIOB 160N/161N—Principles Living Systems/Lab (4)
- CHMY 141N—College Chemistry I (5)
- M 171—Calculus I (4)
- Elective (1)

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

**Total:** 14 credits **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)

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

**Total:** 16 credits **Total:** 15 credits

### Year 3

**Autumn**
- BIOE 370/371—General Ecology/Lab (5)
- BIOM 427/428—General Parasitology/Lab (4)
- PHSX 205N/206N—College Physics I/Lab (5)
- Elective (1)

**Spring**
- BIOM 415—Microbial Diversity, Ecology, Evol (3)
- PHSX 207N/208N—College Physics II/Lab (5)
- General Education Requirement (3)
- Upper Division Elective (3)

**Total:** 15 credits **Total:** 14 credits

### Year 4

**Autumn**
- BCH 480—Advanced Biochemistry I (3)
- BIOE 406—Behavior and Evolution (3)
- General Education Requirement (3)
- Upper Division Elective (6)

**Spring**
- BCH 482—Advanced Biochemistry II (3)
- BIOE 403—Vertebrate Design & Evolution (5)
- General Education Requirement (3)
- Upper Division Electives (4)

**Total:** 15 credits

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1 Eligibility depends on placement exams

2 See catalog or DBS Advising Office for details on alternative course choices.