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)
- 1CHMY 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)
- 2BIOM 427/428—General Parasitology/Lab (4)
- PHSX 205N/206N—College Physics I/Lab (5)
- Elective (1)

**Total:** 15 credits

**Spring**
- 2BCH 480—Advanced Biochemistry I (3)
- 2BIOB 486—Genomics (3)
- General Education Requirement (3)
- Upper Division Elective (6)

**Total:** 15 credits

Year 4

**Autumn**
- 2BCH 482—Advanced Biochemistry II (3)
- 2BIOE 428—Freshwater Ecology (5)
- General Education Requirement (3)
- Upper Division Electives (4)

**Total:** 15 credits

**Spring**
- 2BCH 480—Advanced Biochemistry I (3)
- 2BIOB 486—Genomics (3)
- General Education Requirement (3)
- Upper Division Electives (6)

**Total:** 15 credits

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