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

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

## Year 1

### Autumn

- BIOB 160N/161N—Principles Living Systems/Lab (4)
- CHMY 121N—Intro to General Chemistry (4)
- M 171—Calculus I (4)
- WRIT 101—College Writing I (3)
- Elective (1)

*Total: 16 credits*

### Spring

- BIOB 170N/171N—Biological Diversity/Lab (5)
- CHMY 123/124—Organic & Biochemistry/Lab (6)
- General Education Requirement (3)

*Total: 14 credits*

## Year 2

### Autumn

- BIO 260—Cell and Molecular Biology (4)
- STAT 451/457—Statistical Methods I/Lab (4)
- Intermediate Writing Course (3)
- Elective (3)

*Total: 14 credits*

### Spring

- BIO 272—Genetics and Evolution (4)
- STAT 452/458—Statistical Methods II/Lab (4)
- General Education Requirement (3)
- General Education Requirement (3)
- Elective (1)

*Total: 15 credits*

## Year 3

### Autumn

- BIOE 370/371—General Ecology/Lab (5)
- PHSX 205N/206N—College Physics I/Lab (5)
- General Education Requirement (3)
- Elective (3)

*Total: 16 credits*

### Spring

- BIO 480—Conservation Genetics (3)
- BIOE 447—Terrestrial Ecosystem Ecology (3)
- PHSX 207N/208N—College Physics II/Lab (5)
- General Education Requirement (3)
- Elective (1)

*Total: 15 credits*

## Year 4

### Autumn

- BIOE 403—Comparative Vertebrate Anatomy (4)
- BIOE 406/409—Behavior & Evolution/Discussion (4)
- Upper Division Elective (5)
- Elective (3)

*Total: 16 credits*

### Spring

- BIO 435—Comparative Animal Physiology (3)
- BIOO 470—Ornithology (4)
- General Education Requirement (3)
- Electives (4)

*Total: 14 credits*

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1. Eligibility depends on placement exams
2. See [catalog](#) or DBS Advising Office for details on alternative course choices.