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 (3)
- M 171—Calculus I (4)
- WRIT 101—College Writing I (3)

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

**Total: 14 credits**

**Year 2**

**Autumn**
- BIOB 260—Cell and Molecular Biology (4)
- PHSX 205N/206N—College Physics I/Lab (5)
- Intermediate Writing Course (3)
- Elective (3)

**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**
- BIOE 370/371—General Ecology/Lab (5)
- STAT 451/457—Statistical Methods I/Lab (4)
- General Education Requirement (3)
- Elective (3)

**Spring**
- BIO 470—Ornithology (4)
- STAT 452/458—Statistical Methods II/Lab (4)
- BIOM 415—Microbial Diversity, Ecology, Evol (3)
- General Education Requirement (3)

**Total: 15 credits**

**Year 4**

**Autumn**
- BIOB 486—Genomics (3)
- BIOE 409—Behavior & Evolution (3)
- Upper Division Elective (5)
- Elective (5)

**Spring**
- BIOE 428—Freshwater Ecology (5)
- BIOL 435—Comparative Animal Physiology (3)
- General Education Requirement (3)
- Electives (4)

**Total: 16 credits**

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