

ZOOLOGY: ECOLOGY AND CONSERVATION BIOLOGY, BS

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

| Course | Title | Hours |
|---------------------------------------|--|-----------|
| Freshman | | |
| Fall | | |
| First Year Seminar | | 1 |
| BIOL 1113 & BIOL 1111 | Introductory Biology (N) and Introductory Biology Laboratory (LN) | 4 |
| MATH 1813 | Preparation for Calculus (Q) | 3 |
| General Education courses | | 7 |
| Hours | | 15 |
| Spring | | |
| BIOL 1604 | Animal Biology | 4 |
| CHEM 1314 | Chemistry I (LN) | 4 |
| General Education courses | | 7 |
| Hours | | 15 |
| Sophomore | | |
| Fall | | |
| CHEM 1515 | Chemistry II (LN) | 5 |
| PBIO 1404 or PBIO 4005 | Plant Biology (LN) or Field Botany | 4 |
| General Education or Elective courses | | 6 |
| Hours | | 15 |
| Spring | | |
| BIOL 3034 | General Ecology | 4 |
| BIOL 3104 | Invertebrate Zoology | 4 |
| MICR 2123 or MICR 3033 | Introduction to Microbiology or Cell and Molecular Biology | 3 |
| General Education and Major courses | | 4 |
| Hours | | 15 |
| Junior | | |
| Fall | | |
| BIOL 3023 | General Genetics | 3 |
| BIOL 3114 | Vertebrate Zoology | 4 |
| BIOL 3513 | Principles of Conservation Biology | 3 |
| ENGL 3323 | Technical Writing (Suggested) | 3 |
| Supplemental or Elective courses | | 2 |
| Hours | | 15 |
| Spring | | |
| BIOL 3153 | Animal Behavior | 3 |
| BIOL 4700 or BIOL 4710 or BIOL 4730 | Undergraduate Research Problems or Internships in Integrative Biology or Collaborative Research in Integrative Biology | 1 |
| CHEM 3053 or CHEM 3013 and CHEM 3012 | Organic Chemistry I or Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory | 5 |
| PHYS 1114 | College Physics I (LN) | 4 |
| Elective Courses | | 2 |
| Hours | | 15 |

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|---|---|------------|
| Senior | | |
| Fall | | |
| BIOL 3204 or CHEM 3153 and CHEM 3112 | Physiology or Organic Chemistry II and Organic Chemistry Laboratory | 4 |
| BIOL 4133 | Evolution | 3 |
| PHYS 1214 | College Physics II (LN) | 4 |
| General Education, Major, or Supplemental courses | | 4 |
| Hours | | 15 |
| Spring | | |
| BIOL 3204 | Physiology (If taking CHEM 3153 & CHEM 3112) | 4 |
| Choose an upper division BIOL course with a lab | | 4 |
| General Education, Major, or Supplemental courses | | 7 |
| Hours | | 15 |
| Total Hours | | 120 |