

Zoology Option

A course of study is available for those students who wish to work as zoologists. The courses listed here are in addition to the General Education requirements of the university. Your advisor may recommend Specific General Education courses. Advisors: [Dr. Rob Channell](#), [Dr. Greg Farley](#), [Dr. Elmer Finck](#), [Dr. Richard Packauskas](#).

| | Credit Hours |
|--|---------------------|
| Tier I: * required course for Biology majors | |
| * BIOL 180/180L Principles of Biology/Lab [fall and spring] | 4 |
| * BIOL 325/325L Genetics/Lab [fall and spring] | 4 |
| At least 2 of the following required: | |
| * BIOL 250/250L Introductory Botany/Lab [fall and spring] | 4 |
| * BIOL 260/260L Introductory Zoology/Lab [fall and spring] | 4 |
| BIOL 490/490L General Microbiology/Lab [spring only] | 5 |
| Tier II: at least 4 courses required (* required for option) | |
| BIOL 330/330L Plant Anatomy/Lab [spring only; even-numbered years] | 4 |
| BIOL 345/345L Human Anatomy/Lab [spring only] | 4 |
| BIOL 346/346L Human Physiology/Lab [fall only] | 4 |
| * BIOL 395/395L Ecology/Lab [spring only] | 4 |
| BIOL 420 Evolution [fall only; odd-numbered years] | 3 |
| BIOL 435/435L Cellular Biology/Lab [spring only] | 4 |
| BIOL 450/450L Comparative Anatomy/Lab [fall only; even-numbered years] | 5 |
| BIOL 495/495L Plant Physiology/Lab [spring only; odd-numbered years] | 4 |
| * BIOL 620/620L Biostatistics/Lab [fall only] | 4 |
| Tier III: * required course for option | |
| * BIOL 610/610L Taxonomy of Flowering Plants/Lab [fall only] | 4 |
| * BIOL 665 Biodiversity and Conservation Biology [spring only] | 3 |
| At least 4 of the following required: | |
| BIOL 642/642L Parasitology/Lab | 4 |
| BIOL 643/643L Entomology/Lab [fall only] | 4 |
| BIOL 650/650L Ornithology/Lab [spring only] | 4 |
| BIOL 651/651L Mammalogy/Lab [fall only] | 4 |
| BIOL 660/660L Herpetology/Lab [spring only; even-numbered years] | 4 |
| BIOL 673/673L Ichthyology/Lab [spring only; odd-numbered years] | 4 |
| Upper Division Biology Electives | 5-9 |
| Cognates: * required course for option | |
| * CHEM 120/120L University Chemistry I/Lab | 5 (Gen Ed) |
| * CHEM 122/122L University Chemistry II/Lab | 5 |
| * GSCI 240 Introduction to GIS | 3 |
| * GSCI 340 Environmental Geology | 3 (Gen Ed) |
| * MATH 331 Calculus Methods | 3 (Gen Ed) |
| Additional General Education Courses | 45 |

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