Online Biology Major Electives
Spring 2023

Students may only use a course once to satisfy major elective requirements.

Courses in **BOLD** satisfy the Writing Emphasis requirement.
Courses marked with * satisfy the Lab requirement.

**Ecology, Evolution & Behavior**

**Microorganismal**
- ECOL 409—Evolution of Infectious Disease (3-units) (7W2)
- ENVS 425—Environmental Microbiology (3-units) (7W2)
- IMB 401—Medical Microbiology & Immunology (3-units) (FULL)
- IMB 402—Medical Microbiology Basics (1-unit) (7W1)
- IMB 404—Medical Virology Basics (1-unit) (7W2)

**Macroorganismal**
- ECOL 437—Vertebrate Physiology * (4-units) (7W1)

**Cell & Molecular Biology**

- IMB 401—Medical Microbiology & Immunology (3-units) (FULL)
- NROS 310—Molecular & Cellular Biology of Neurons (3–4 units) (7W2)

**Genetics**

- ECOL 346—Bioinformatics (4-units) (FULL)

**Physiology**

- ECOL 437—Vertebrate Physiology * (4-units) (7W1)
- PSIO 201—Human Anatomy & Physiology I * (4-units) (7W1)
- PSIO 202—Human Anatomy & Physiology II * (4-units) (7W2)

PSIO 201 & PSIO 202 must be taken together to apply towards degree. Must check upper-division units with advisor if taking this set.

**Science & Society**

- ECOL 409—Evolution of Infectious Disease (3-units) (7W2)
- EPID 304—Introduction to Epidemiology (3-units) (FULL)
- LAW 459—Public International Environmental Law (3-units) (7W2)
- PA 321—Medical Ethics (3-units) (7W1 & 7W2)
- PHIL 347—Neuroethics (3-units) (FULL)
- PHP 308—Community Health Ed for Disease Outbreaks (3-units) (7W1)