Online Major Electives
Summer 2023

Students may only use a course once to satisfy major elective requirements. Course in **BOLD** satisfy the Writing Emphasis requirement. Courses marked with * satisfy the Lab requirement.

### Ecology, Evolution & Behavior
- ECOL326 Genomics (3-units) 5W1
- ECOL 409 Evol Infect Disease (3-Units) 5W2
- ECOL 488—Arizona Mammals (4-units) 5W1
- GEOS 330 Intro to Remote Sensing (3-units) 7W2
- RNR 417 GIS for Natural and Social Science * (3-units) 7W1

### Physiology
- 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.*

### Cell & Molecular Biology
- ECOL 326 - Genomics (3-units) 5W1
- MCB 410—Cell Biology (3-units) 7W2
- MCB 411—Molecular Biology (3-units) 7W2
- MCB 325—The Biology of Cancer (3 units) 7W2
- MCB 422—Problem Solving with Genetics Tools * (3-units) 5W2

### Biology of Organisms
**Microorganismal**
- ECOL 409—Evolution of Infectious Disease (3-units) 5W2
- IMB 402—Medical Microbiology Basics (1-unit) 7W1
- IMB 404—Medical Virology Basics (1-unit) 7W2

**Macroorganismal**
- ECOL 488—Arizona Mammals (4-units) 5W1

### Science & Society
- ECOL 220—Evolutionary Medicine (3-unit) 5W1
- ECOL326 - Genomics (3-units) 5W1
- ECOL406R - Conservation Biology (4-unit) 5W2
- ECOL 409—Evolution of Infectious Disease (3-units) 5W2
- HPS 387—Health Disparities & Minority Health (3-units) 5W2
- ECOL 326—Genomics (3-units) 5W1
- PA 321—Medical Ethics (3-units) 7W1 or 7W2

### Genetics
- ECOL326 - Genomics (3-units) 5W1
- MCB 422—Problem Solving with Genetics Tools * (3-units) 5W2
- NROS430 - Neurogenetics (3-units) 7W1
- ECOL326 - Genomics (3-units) 5W1

### Other Course Options
- BIOC 384—Foundations in Biochemistry (3-units)
- CHEM 141 & 145—General Chemistry Lecture & Lab I (4-units) 5W1
- CHEM 142 & 146—General Chemistry Lecture & Lab II (4-units) 5W2
- CHEM 241A—Organic Chemistry Lecture I (3-units) 5W1
- CHEM 241B—Organic Chemistry Lecture II (3-units) 5W2
- CHEM 243A—Organic Chemistry Lab I (1-unit) (Presession in person)
- CHEM 243B—Organic Chemistry Lab II (1-unit) (Presession in person)
- ECOL 182R & 182L—Introductory Biology Lecture & Lab I (4-units) 5W1 or 5W2
- ECOL 320—Genetics (4-units) 5W2
- MATH 263—Intro to Statistics & Biostatistics (3-units) 7W1
- MCB 181R & 182L—Introductory Biology Lecture & Lab I (4-units) 7W2
- PSY 150A—Structure of Mind & Behavior (3-units) 5W2