

# Online Major Electives

## Summer 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

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

### 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

### 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 up-  
per-division units with advisor if taking this set.

### 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) (Pre-session in person)

CHEM 243B—Organic Chemistry Lab II (1-unit) (Pre-session in person)

ECOL 182R & 182L—Introductory Biology Lecture & Lab II (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

