Summer 2023 Offerings
EEB, Biology, & Bioinformatics Major Electives

Courses in **bold** satisfy the Writing Emphasis requirement. Courses in *italics* satisfy the Field Component. Courses marked with a *^* satisfy the lab component. Courses with a ^ might be offered as an iCourse. Students may only use a course once within their major electives. All pre–requisites must be met prior to enrolling.

**MOLECULAR & CELLULAR BIOLOGY (MCB)**
- MCB 410 – Cell Biology^*
- MCB 422 – Problem Solving with Genetic Tools**^*
- MCB 325 – The Biology of Cancer
- MIC 419 – Immunology^*
- PLS 359 – Plant Cell Structure and Function^*

**ECOLOGY, EVOLUTION, & BEHAVIOR (EEB)**
- ECOL 406R– Conservation Biology^*
- ECOL 488 – Arizona Mammals^*
- PLP 329A – Microbial Diversity^*

**GENETICS**
- ECOL 428R – Microbial Genetics^*
- MCB 411 – Molecular Biology^*
- MCB 422 – Problem Solving and Genetic Tools**^*
- WFSC 430 – Conservation Genetics^*

**ORGANISMAL**

**MACRO**
- ECOL 414 – Plants of the Desert
- ECOL 437 – Vertebrate Physiology**^*
- ECOL 488 – Arizona Mammals^*

**MICRO**
- PLP 329A – Microbial Diversity^*
- ECOL 409– Evolution of Infectious Disease^*
- ECOL 428R- Microbial Genetics
- MCB 325 – The Biology of Cancer

**PHYSIOLOGY (PSIO)**
- ECOL 437 – Vertebrate Physiology**^*
- CMM 401 – Human Gross Anatomy^*
- CMM 410 – Human Histology: An Intro to Pathology

**SCIENCE & SOCIETY**
- MCB 404 – Bioethics^*

Additional non-Major Elective coursework available over summer to satisfy degree requirements:

- MCB 181R + L – Introductory Biology I Lecture^* + Lab^*
- ECOL 182R + L – Introductory Biology II Lecture^* + Lab^*
- ECOL 320 – Genetics^*
- BIOC 384 – Foundations in Biochemistry^*
- ECOL 206 – Environmental Biology^*
- ECOL 230- Natural History of the Southwest^*
- PSIO 201 – Human Anatomy & Physiology I^*
- PSIO 202 – Human Anatomy & Physiology II^*
- MATH 122A + B or 125 – Calculus I^*
- MATH 263 – Biostatistics^*
- CHEM 151– General Chemistry I
- CHEM 152 – General Chemistry II
- CHEM 241A + 243A – Organic Chemistry I Lecture^* + Lab
- CHEM 241B + 243B – Organic Chemistry II Lecture^* + Lab
- PHYS 102 + 181 – Intro Physics I Lecture + Lab
- PHYS 103 + 182 – Intro Physics II Lecture + Lab