Summer Offering

BIOINFORMATICS ELECTIVES

Students may only use a course once within their major electives. Courses that are part of the core of your particular major track may not also be used as electives (e.g. MCB 301 or BIOC 384 in the MCB track). Courses with a ^ have an online component.

**Biological Options**
- CMM 401 - Human Gross Anatomy
- CMM 410 - Human Histology: An Introduction to Pathology
- ECOL 326 - Genomics^  
- ECOL 414 - Plants of the Desert
- ECOL 437 - Vertebrate Physiology
- ECOL 488 - Arizona Mammals
- MCB 422 - Problem Solving & Genetic Tools^  
- MIC 419 - Immunology^  
- PLP 329A - Microbial Diversity^  
- PLS 359 - Plant Cell Structure and Function^  
- PSIO 431 - Physiology of the Immune System  
- WFSC 430 - Conservation Genetics  
- WFSC 444 - Wildlife Ecology, Conservation & Management

**Computer Science Options**
- ISTA 321 - Data Mining & Discovery (Summer)  
  For assistance enrolling in Computer Science courses, please contact advising@cs.arizona.edu.

**Mathematics Options**
- MATH 310 - Applied Linear Algebra
- MATH 313 - Introduction to Linear Algebra
- MATH 413 - Linear Algebra

Some other (non-elective) coursework is available over summer to satisfy degree requirements.

- MCB 181R + L - Introductory Biology I Lecture^ + Lab  
- ECOL 182 R + L - Introductory Biology II Lecture^ + Lab  
- ECOL 320 - Genetics
- PSIO 201 - Human Anatomy & Physiology I  
- PSIO 202 - Human Anatomy & Physiology II
- MATH 263 - Biostatistics
- MATH 122A + B - Calculus I  
- CHEM 151 - General Chemistry I
- CHEM 152 - General Chemistry II
- CHEM 241A + 243A - Organic Chemistry I  
- CHEM 241B + 243B - Organic Chemistry II
- BIOC 384 - Foundations in Biochemistry
- BIOC 385 - Metabolic Biochemistry
- ISTA 130 - Computational Thinking & Doing^