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**
- ACBS 423 - Mechanisms of Disease
- BIOC 384 - Fundamentals of Biochemistry *(EEB & CS Sub-plan only)*
- BIOC 385 - Metabolic Biochemistry
- ECOL 330 - Evolution of Animal Form & Function
- ECOL 360 - Marine Ecology & Conservation
- ECOL 406R - Conservation Biology
- ECOL 426 - Conservation Biology
- ECOL 472 - Systematic Botany
- ECOL 473 - Topics in Behavioral Ecology
- ECOL 475 - Freshwater and Marine Algae
- ECOL 383 - Herpetology
- ECOL 484 - Ornithology
- GEOS 412A & 412B – Ocean Sciences w/ Field Experience
- MCB 301 - Molecular Basis of Life *(EEB & CS Sub-plan only)*
- MCB 410 - Cell Biology
- MCB 416A - Statistical Bioninformatics & Genomic Analysis (Even years only)
- MCB 422 - Problem Solving with Genetic Tools
- MCB 473 - Recombinant DNA Methods and Applications
- Mic 328R - Microbial Physiology
- PLP 428R - Microbial Genetics Lecture
- PLP 428L - Microbial Genetics Lab
- PLS 312 - Plant and Animal Genetics
- PLS 333 - General Virology

**Computer Science Options**
- CSC 335 - Object Oriented Programming and Design
- CSC 352 - Systems Programming and Unix
- CSC 372 - Comparative Programming Languages
- CSC 401B - Symbolic Logic
- CSC 422 - Introduction to Parallel & Distributed Programming
- CSC 444 - Data Visualization
- CSC 460 - Database Design
- ISTA 350 - Programming for Informatics Applications
- ISTA 410 - Bayesian Modeline & Inference
- ISTA 454 - Informatics in Biology

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 355 - Analysis of Ordinary Differential Equations
- MATH 401B - Symbolic Logic
- MATH 413 - Linear Algebra