**Genetics Elective Courses**

**Elective courses must be upper division (300 or 400-level) and may only count toward ONE category**

- ECOL 326: Genomics (F)
- ECOL 346: Bioinformatics (S)
- ECOL 430: Conservation Genetics (F, S)
- ECOL 465: Phylogenetic Biology (S)
- MCB 340: Introduction to Biotechnology (F)
- MCB 416A: Statistical Bioinformatics & Genomic Analysis (S)
- MCB 422: Problem Solving with Genetic Tools (F, S, Su)
- MCB 473: Recombinant DNA Methods & Applications (F, S)
- MIC 452: Antibiotics: Biological Perspective (F)
- NROS 430: Neurogenetics (S)
- PLP 428R & PLP 428L: Microbial Genetics lecture and lab (S)
- PLS 312: Animal & Plant Genetics (S)
- PLS 440: Mechanisms of Plant Development (F)