

MSU Biology Electives

FALL AND SPRING COURSES:

- **BIOL 211** Introductory Microbiology 4 hrs
 - *Prereq: CHEM 102*
- **BIOL 225/226** Human Anatomy & Physiology 4 hrs
 - *Only one of these can count as a biology elective.*
- **BIOL 315** Genetics 4 hrs
 - *Prereq: BIOL 101 and lab*
- **BIOL 339** Evolution 3 hrs
 - *Prereqs: BIOL 101 w/lab, BIOL 102 w/lab, BIOL 315*
- **BIOL 404** Undergraduate Research 3 hrs
 - *Requires approval of faculty member*
- **BIOL 410** Ecology 4 hrs
 - *Prereq: BIOL 315*
- **BIOL 481** Biology Seminar 3 hrs
 - *Must be a senior biology major*

FALL ONLY

- **BIOL 250** Comparative Anatomy 4 hrs
 - *Prereqs: BIOL 102 and lab*
 - *No duplicate credit for BIOL 225/BIOL 226*
- **BIOL 405** Parasitology 4 hrs
 - *Prereqs: BIOL 101 and lab, BIOL 102 and lab, Junior standing*
- **BIOL 414** Cell Biology 3 hrs
 - *Prereqs: BIOL 211, CHEM 301, Junior standing*
- **Even years only**
 - **BIOL 425** Ichthyology 4hrs
 - *Prereqs: BIOL 102 w/lab or NRCM 201*
- **Odd years only**
 - **BIOL 427** Mammalogy 4hrs
 - *Prereqs: BIOL 102 w/lab or NRCM 201*

SPRING ONLY:

- **BIOL 216** Vertebrate Field Zoology 4hrs
 - *Prereqs: BIOL 101 w/lab, BIOL 102 w/lab*
- **BIOL 321** General Physiology 4hrs
 - *Prereq: CHEM 301*
 - *No duplicate credit for BIOL 225/BIOL 226*
- **BIOL 401** Molecular Biology 4hrs
 - *Prereqs: BIOL 211 and BIOL 315*
- **BIOL 407** Histology 4hrs
 - *Must be junior standing*
 - *Sometimes offered in the fall*
- **BIOL 434** Immunology 3hrs
 - *Prereqs: BIOL 201 or BIOL 211*
- **BIOL 463** Emerging Diseases 4hrs
 - *Prereqs: BIOL 101 w/lab, BIOL 102 w/lab, Junior standing*