**REQUIRED MAJOR COURSES (C- OR BETTER)**

**BIOLOGY/MICROBIOLOGY CORE COURSES—ALL REQUIRED**
- BIOB 160N/161N—Principles of Living Systems/Lab (4) - autumn, summer
- BIOB 170N/171N—Principles of Biological Diversity/Lab (5) - spring, summer
- BIOB 260—Cell and Molecular Biology (4) - autumn, summer
- BIOB 272—Genetics and Evolution (4) - spring

**ECOLOGY—REQUIRED**
- BIOE 370/371—General Ecology/Lab (5) - autumn [or substitute BIOE 342 Field Ecology @ Flathead Lake Biological Station]

**ECOLOGY & ORGANISMAL MAJOR COURSES—CHOOSE 21 CREDITS OF UPPER DIVISION BIOLOGY OR BIOCHEMISTRY; AT LEAST ONE COURSE FROM EACH OF THE FOLLOWING CATEGORIES**

---

### Organismal courses

- BIOB 301—Developmental Bio (3) - autumn
- BIOB 375—General Genetics (3) - spring
- BIOB 468—Endocrinology (3) - intermittent (S18)

### -Ology courses

- BIOM 360/361—Microbiology/Lab (5) - autumn
- BIOM 427/428—Gen. Parasitology/Lab (4) - autumn
- BIOO 320—General Botany (5) - autumn
- BIOO 335—Rocky Mountain Flora (3) - spring

### Specialized Ecology courses

- *BIOE 428—Freshwater Ecology (5) - spring
- BIOE 447—Terr Ecosyst Ecology (3) - inter. (S18)
- BIOE 448—Terr Plant Ecology (4) - odd autumn (A17)
- BIOE 449—Plant Biogeography (3) - intermittent

### Evolution courses

- BIOB 480—Conservation Genetics (3) - spring
- *BIOB 483—Phylogenetics & Evolution (3) - intermittent
- BIOB 486—Genomics (3) - autumn

* *BIOE 403—Vertebrate Design & Evo (5) - inter. (A18)
* BIOL 435—Comp. Animal Physiology (3) - spring
* BIOO 433/#434—Plant Physiology/Lab (4) - spring

---

**REQUIRED COURSES OUTSIDE OF THE MAJOR (C- OR BETTER)**

**CALCULUS—CHOOSE ONE OF THE FOLLOWING**
- M162—Applied Calculus (4) - autumn, spring
- M171—Calculus I (4) - autumn, spring

**STATISTICS—CHOOSE INTRO OR ADVANCED SEQUENCE**

**INTRO:**
- STAT 216—Intro to Stats (4) – aut, spring, summer

**ADVANCED:**
- STAT 451/457—Stat. Meth. I /Lab (4) - autumn
- STAT 452/458—Stat. Meth. II /Lab (4) - spring

**CHEMISTRY—CHOOSE INTRO OR ADVANCED SEQUENCE**

**INTRO:**
- CHMY 121N—Intro General Chemistry (3) (both offered autumn, spring, summer)
- CHMY 123/124—Intro Organic/Biochem (5)

**ADVANCED:**
- CHMY 141N/142N—College Chem I/Lab (5) – aut, spr
- CHMY 143N/144N—College Chem II/Lab (5) – spr, sum
- CHMY 221/222—Organic Chem I /Lab (5) - autumn
- CHMY 223/224—Organic Chem II /Lab (5) - spring

**PHYSICS—ALL REQUIRED**
- PHSX 205N/206N—College Physics I /Lab (5) - autumn, spring, summer [or substitute PHSX 215N/216N]
- PHSX 207N/208N—College Physics II/ Lab (5) - autumn, spring, summer [or substitute PHSX 217N/218N]

---

* *ADVANCED COLLEGE WRITING REQUIREMENT MET WITH BIOE 371 (REQUIRED), AND ONE COURSE MARKED WITH *