**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

### GENETICS & EVOLUTION MAJOR COURSES—ALL REQUIRED
- BIOB 375—General Genetics (3) - spring
- BIOB 486—Genomics (3) - autumn
- BIOE 370/371—General Ecology/Lab (5) - autumn [or substitute BIOE 342 Field Ecology @ Flathead Lake Biological Station]

### BIOCHEMISTRY—CHOOSE BASIC OR ADVANCED SEQUENCE

- **BASIC:** BCH 380—Biochemistry (4) - autumn, spring
- **ADVANCED:** BCH 480—Adv. Biochemistry I (3) - autumn
  - *BCH 482—Adv. Biochemistry II (3) - spring

### GENETICS/EVOLUTION DEPTH—CHOOSE AT LEAST THREE OF THE FOLLOWING

- BIOB 480—Conservation Genetics (3) - spring
- *BIOB 483—Phylogenetics & Evoln (3) - intermittent
- BIOB 488—Programming for Biology (3) - spring
- *BIOE 403—Vertebrate design & Evo. (5) - inter. (A18)
- BIOE 406 (*409)—Behavior & Evolution (3) - odd autumn
- *BIOL 484—Plant Evolution (3) - intermittent (A17)
- BIOM 410 (*411)—Microbial Genetics (3) - spring
- BIOM 415—Microbial Diver/Evol (3) - spring
- CSCI 451—Computational Biology (3) - autumn
  - (Lab/Discussion section in ( ) are optional)

### PHYSIOLOGY—CHOOSE AT LEAST ONE OF THE FOLLOWING

- BIOL 435—Comparative Animal Phys. (3) - spring
- BIOM 450/451—Microbial Phys./Lab (4) - autumn
- 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, sum
  - **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)
  - CHMY 123/124—Intro Organic/Biochem (5)
  - (both offered autumn, spring, summer)
  - **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 Phys 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 *