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

#### BIOLOGY/MICROBIOLOGY CORE COURSES—ALL REQUIRED
- BIOB 160N/161N—Principles of Living Systems/Lab (3/1) - autumn, summer
- BIOB 170N/171N—Principles of Biological Diversity/Lab (3/2) - spring
- 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 376—Genomics (3) - spring
- BIOB 377/378—General Ecology/Lab (3/2) - autumn [or BIOE 342 Field Ecology @ Flathead Lake Biological Station]

#### BIOCHEMISTRY—CHOOSE BASIC OR ADVANCED
- **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) - even autumn
- BIOE 403—Comparative Vertebrate Anatomy (4) - inter.
- BIOE 406—Behavior & Evolution (3) - odd autumn
- BIOE 485—Plant Evolution (3) - even autumn
- BIOH 447—Genes & Development Lab (3) - odd spring
- BIOM 410—Microbial Genetics (3) - even spring
- BIOM 415—Microbial Diver/Evol (3) - spring
- BIOM 420—Host-Microbe Interactions (3) - intermittent
- CSCI 451—Computational Biology (3) - intermittent

#### PHYSIOLOGY—CHOOSE AT LEAST ONE OF THE FOLLOWING
- BIOB 435—Comparative Animal Phys. (3) - spring
- BIOH 447—Genes & Development Lab (3) - odd spring
- BIOM 410—Microbial Genetics (3) - even spring
- BIOM 415—Microbial Diver/Evol (3) - spring
- BIOM 420—Host-Microbe Interactions (3) - intermittent
- CSCI 451—Computational Biology (3) - intermittent

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

#### CALCULUS—CHOOSE ONE OF THE FOLLOWING
- M162—Applied Calculus (4) - autumn, spring, summer
- 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 (4)
- CHMY 123/124—Intro Organic/Biochem (4/2)
- (all offered autumn, spring)
- **ADVANCED**: CHMY 141N/142N—Coll. Chem I/Lab (4/1) – aut, spr
- CHMY 143N/144N—Coll. Chem II/Lab (4/1) – spr, sum
- CHMY 221/222—Organic Chem I /Lab (3/2) - autumn
- CHMY 223/224—Organic Chem II /Lab (3/2) - spring

#### PHYSICS—ALL REQUIRED
- PHSX 205N/206N—College Physics I/Lab (4/1) - autumn, spring, summer [or PHSX 215N/216N]
- PHSX 207N/208N—College Physics II/ Lab (4/1) - autumn, spring, summer [or PHSX 217N/218N]