### 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, 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 (3/2) - autumn [or BIOE 342 Field Ecology - summer @ 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 GROUPS**

#### Organsal courses
- BIOB 301—Developmental Biology (3) - autumn
- BIOB 375—General Genetics (3) - spring
- BIOB 468—Endocrinology (3) - intermittent (S21)

#### -Ology courses
- BIOM 360/361—Microbiology/Lab (3/2) - autumn
- BIOM 427/428—Gen. Parasitology/Lab (2/2) - autumn
- *BIOO 320—General Botany (5) - autumn
- BIOO 335—Rocky Mountain Flora (3) - spring, summer

#### Specialized Ecology courses
- *BIOE 428—Freshwater Ecology (5) - spring
- BIOE 447—Terr Ecosyst Ecology (3) - odd spring (S21)
- BIOE 448—Terr Plant Ecology (4) - intermittent (S20)
- BIOM 415—Microbial Diversity, Eco, Evoln (3) - spring
- WILD 470—Conserv. Wildlife Popns (4) - aut, spring

#### Evolution courses
- BIOB 480—Conservation Genetics (3) - spring
- *BIOB 483—Phylogenetics & Evol (3) - odd spring (S21)
- BIOB 486—Genomics (3) - autumn

* (Labs/Discussion sections in () are optional, but may be taken for UD elective credit or to help meet the AWR)

**FLBS summer courses:** BIOE 400—Aquatic Microbial Ecol;
- BIOE 416—Alpine Ecology; BIOE 439 Stream Ecology;
- BIOE 440—Conservation Ecol; BIOE 451—Landscape Ecol;
- BIOE 453—Lake Ecology; BIOE 458—Forest Ecology

**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 (4)
- CHMY 123/124—Intro Organic/Biochem (4/2)
  (all offered autumn, spring)
- ADVANCED: CHMY 141N/142N—Coll. Chem I/Lab (4/1) - aut, spring
- 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]

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