### 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 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**

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

#### Eology 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

#### Specialized Ecology courses
- *BIOE 428—Freshwater Ecology (5) - spring
- BIOE 447—Terr Ecosyst Ecology (3) - odd spring (A19)
- BIOE 448—Terr Plant Ecology (4) - odd autumn (A19)
- BIOE 449—Plant Biogeography (3) - intermittent

#### Evolution courses
- BIOB 480—Conservation Genetics (3) - spring
- *BIOB 483—Phylogenetics & Evolution (3) - inter. (S19)
- 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)

**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 (4/2)
  (all offered autumn, spring, summer)
- **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 Phys s 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 *