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—CHOOSE ONE OF THE FOLLOWING**
- BIOE 370/371—General Ecology/Lab (3/2) - autumn
- BIOE 342—Field Ecology (5) - summer @ FLBS

**SUMMER AT FLATHEAD LAKE BIOLOGICAL STATION—CHOOSE AQUATIC OR TERRESTRIAL**

<table>
<thead>
<tr>
<th>AQUATIC EMPHASIS:</th>
<th>TERRESTRIAL EMPHASIS:</th>
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<tr>
<td>BIOE 439—Stream Ecology (3)</td>
<td>BIOE 416—Alpine Ecology (3)</td>
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<td>BIOE 440—Conservation Ecology (3)</td>
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<tr>
<td>BIOE 451—Landscape Ecology (3)</td>
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**FIELD ECOLOGY MAJOR COURSES—CHOOSE 8 CREDITS OF UPPER DIVISION BIOLOGY; AT LEAST ONE COURSE FROM EACH OF THE FOLLOWING GROUPS**

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**Ecology courses**
- BIOB 480—Conservation Genetics (3) - spring
- BIOB 483—Phylogenetics & Evolution (3) - inter. (S19)
- BIOB 486—Genomics (3) - autumn

(Lab/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 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 OR BIOE 342 (REQUIRED), AND ONE COURSE MARKED WITH *