

B.S. IN BIOLOGY, GENETICS & EVOLUTION

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 486—Genomics (3) - spring
- _____ BIOE 370/371—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 425—Adv. Cell & Molec. Biology (3) - spring
- BIOB 435—Comparative Animal Phys. (3) - spring
- BIOM 450/451—Microbial Phys./Lab (3/1) - odd autumn
- BIOO 433/434—Plant Physiology/Lab (3/1) - alt spring

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

CALCULUS—CHOOSE ONE OF THE FOLLOWING

- MI62—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]