

B.S. IN BIOLOGY, CELLULAR & MOLECULAR BIOLOGY

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

CELLULAR & MOLECULAR MAJOR COURSES—ALL REQUIRED

- _____ BCH 480—Advanced Biochemistry I (3) - autumn
- _____ BCH 482—Advanced Biochemistry II (3) - spring
- _____ BIOB 301—Developmental Biology (3) - autumn
- _____ BIOB 375—General Genetics (3) - spring
- _____ BIOB 425—Advanced Cell & Molecular Biology (3) - spring
- _____ BIOM 360/361—General Microbiology/Lab (3/2) - autumn

DISEASE ELECTIVE—CHOOSE ONE OF THE FOLLOWING

- _____ BIOB 410—Immunology (3) - autumn
- _____ BIOM 435—Virology (3) - spring

CELLULAR & MOLECULAR DEPTH—CHOOSE ONE OF THE FOLLOWING

- _____ BIOB 435—Comparative Animal Physiology (3) - spring
- _____ BIOB 468—Endocrinology (3) - intermittent
- _____ BIOB 483—Phylogenetics & Evoln (3) - even autumn
- _____ BIOB 486—Genomics (3) - spring
- _____ BIOM 410—Microbial Genetics (3) - even spring
- _____ BIOM 420—Host-Microbe Interactions (3) - intermittent
- _____ BIOM 450—Microbial Physiology (3) - odd autumn
- _____ BIOC 433/434—Plant Physiology/Lab (4) - spring

LABORATORY EXPERIENCE—CHOOSE TWO OF THE FOLLOWING

- _____ BCH 486—Biochem Research Lab (3) - spring
- _____ BIOB 411—Immunology Lab (2) - autumn
- _____ BIOH 447—Genes & Development Lab (3) - odd spring
- _____ BIOM 411—Microbial Genetics Lab (1) - even spring
- _____ BIOM 451—Microbial Physiology Lab (1) - odd autumn
- _____ BIOB/BIOM/BCH 490—Advanced Undergrad Research

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

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]

CHEMISTRY—ALL REQUIRED

- _____ CHMY 141N/142N—College Chemistry I/Lab (4/1) - autumn, spring
- _____ CHMY 143N/144N—College Chemistry II/Lab (4/1) - spring, summer
- _____ CHMY 221/222—Organic Chemistry I/Lab (3/2) - autumn
- _____ CHMY 223/224—Organic Chemistry II/Lab (3/2) - spring

CHEMISTRY DEPTH—CHOOSE AT LEAST ONE OF THE FOLLOWING

- _____ CHMY 311—Analytical Chemistry (4) - autumn
- _____ CHMY 373—Physical Chemistry (4) - autumn