## 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

### MICROBIOLOGY MAJOR COURSES—ALL REQUIRED
- BIOM 360/361—General Microbiology/Lab (3/2) - autumn
- BIOM 410/411—Microbial Genetics/Lab (3/1) - spring
- BIOM 415—Microbial Diversity, Ecology, & Evolution (3) - spring
- BIOM 450/451—Microbial Physiology/Lab (3/1) - odd autumn (A21)

### BIOCHEMISTRY—CHOOSE BASIC OR ADVANCED SEQUENCE

**BASIC:**
- BCH 380—Biochemistry (4) - autumn, spring

**ADVANCED:**
- BCH 480—Adv. Biochemistry I (3) - autumn
- *BCH 482—Adv. Biochemistry II (3) - spring

### MICROBIOLOGY DEPTH—CHOOSE 10 OR 12 CREDITS FROM THE FOLLOWING (10 IF BCH 480-482; 12 IF BCH 380); LABS REQUIRED
- *BIOB 410/411—Immunology/Lab (3/2) - autumn
- *BIOB 405—Phylogenetics & Evoln (3) - odd spring
- BIOE 370—General Ecology (3) - autumn
- BIOH 405—Hematology (3) - autumn
- *BIOH 402/403—Med Bacteriology/Lab (3/2) - spring
- BIOM 407/408—Clinical Diagnosis (2/1) - spring
- BIOM 420—Host-Microbe Interactions (3) - spring
- BIOM 427/428—Parasitology/Lab (2/2) - autumn
- BIOM 435—Virology (3) - spring
- BIOM 460—Ecology of Infectious Diseases (3) - spring
- BIOM 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, summer

### STATISTICS—REQUIRED
- STAT 216—Intro to Statistics (4) - autumn, spring, summer

### 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
- CHMY 311—Analytical Chemistry (4) - autumn

### 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) - spring, summer [or PHSX 217N/218N]

*ADVANCED COLLEGE WRITING REQUIREMENT MET WITH BIOM 411 (REQUIRED), AND ONE COURSE MARKED WITH *