### REQUIRED MAJOR COURSES (C- OR BETTER)

#### BIOLOGY/MICROBIOLOGY CORE COURSES—ALL REQUIRED
- BIOB 160N/161N—Principles of Living Systems/Lab (4) - autumn, summer
- BIOB 170N/171N—Principles of Biological Diversity/Lab (5) - spring, summer
- BIOB 260—Cell and Molecular Biology (4) - autumn, summer
- BIOB 272—Genetics and Evolution (4) - spring

#### HUMAN BIOLOGY MAJOR COURSES—ALL REQUIRED
- BIOB 301—Developmental Biology (3) - autumn
- BIOB 375—General Genetics (3) - spring
- BIOH 365—Human A&P I for Health Prof. (4) - autumn
- BIOH 370—Human A&P II for Health Prof. (4) - spring

#### BIOCHEMISTRY—CHOOSE BASIC OR ADVANCED SEQUENCE

**BASIC:** BCH 380—Biochemistry (4) - autumn, spring | **ADVANCED:** BCH 480—Adv. Biochemistry I (3) - autumn

#### MICROBIOLOGY—CHOOSE ONE OF THE FOLLOWING
- BIOM 360/361—Gen. Microbiology/Lab (5) - autumn | BIOM 400—Medical Microbiology (3) - autumn

#### HUMAN BIOLOGY DEPTH—CHOOSE AT LEAST TWO COURSES FROM THE FOLLOWING
- **BCH 486**—Biochemistry Research Lab (3) - spring
- **BCH 410**—Immunology (3) - autumn
- **BCH 425**—Adv. Cell & Molec. Bio (3) - spring
- **BCH 468**—Endocrinology (3) - intermittent (S18)
- **BCH 483**—Phylogenetics & Evoln (3) - intermittent
- **BCH 486**—Genomics (3) - autumn
- **BCH 499**—Senior Thesis - any semester
- **BCH 403**—Vertebrate Design & Evo (5) - inter. (A18)
- BIOL 406 (*409)—Behavior & Evolution (3) - odd autumn
- **BCH 462**—Princ. of Med. Physiology (3) - spring
- BIOL 435—Comparative Animal Phys. (3) - spring
- **BCH 402** (403)—Med. Bacteriol. & Mycology (3) - spring
- **BCH 410** (411)—Microbial Genetics (3) - spring
- BIOL 427/428—Parasitology/Lab (4) - autumn
- BIOL 435—Virology (3) - spring
- BIOL 450 (451)—Microbial Physiology (3) - autumn
  
  (Labs/Discussion sections in () are optional)

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

#### MATHEMATICS, PSYCHOLOGY, & PHYSICS—ALL REQUIRED
- M 162—Applied Calculus (4) - autumn, spring [or substitute M171 – Calculus I]
- STAT 216—Intro to Statistics (4) - autumn, spring, summer
- PSYX 1005—Introduction to Psychology (3) - autumn, spring, summer
- PHSX 205N/206N—College Physic s I/Lab (5) - autumn, spring, summer [or substitute PHSX 215N/216N]
- PHSX 207N/208N—College Physics II/ Lab (5) - autumn, spring, summer [or substitute PHSX 217N/218N]

#### CHEMISTRY—CHOOSE INTRO OR ADVANCED SEQUENCE

**INTRO:** CHMY 121N—Intro General Chemistry (3)
- CHMY 123/124—Intro Organic/Biochem (5)
  
  (both offered autumn, spring, summer)

**ADVANCED:** CHMY 141N/142N—College Chem I/Lab (5) – aut, spr
- CHMY 143N/144N—College Chem II/Lab (5) – spr, sum
- CHMY 221/222—Organic Chem I /Lab (5) - autumn
- CHMY 223/224—Organic Chem II /Lab (5) - spring

*ADVANCED COLLEGE WRITING REQUIREMENT MET WITH A TOTAL OF THREE STARS (***)

(3 *COURSES) OR (1 **COURSE + 1 *COURSE) OR (1 ***COURSE)*