# B.S. in Microbiology – four year graduation plan

This is an example of a four year graduation plan for a degree in Microbiology. Courses marked with * are electives within the major; other choices are available.

## Year 1

### Autumn
- BIOB 160N/161N—Principles Living Systems/Lab (4)
- CHMY 141N/142N—College Chemistry I/Lab (5)
- M 162—Applied Calculus [or M 171 Calculus I]
- Elective (1)

**Total: 14 credits**

### Spring
- BIOB 170N/171N—Biological Diversity/Lab (5)
- CHMY 143N/144N—College Chemistry II/Lab (5)
- WRIT 101—College Writing I (3)
- General Education Requirement (3)

**Total: 16 credits**

## Year 2

### Autumn
- BIOB 260—Cell and Molecular Biology (4)
- CHMY 221/222—Organic Chemistry I/Lab (5)
- BIOM 360/361—General Microbiology/Lab (5)
- Elective (1)

**Total: 15 credits**

### Spring
- BIOB 272—Genetics and Evolution (4)
- CHMY 223/224—Organic Chemistry I/Lab (5)
- STAT 216—Intro to Statistics (4)
- General Education Requirement (3)

**Total: 16 credits**

## Year 3

### Autumn
- *BCH 480—Advanced Biochemistry I (3)
- PHSX 205N/206N—College Physics I/Lab (5)
- General Education Requirement (3)
- General Education Requirement (3)

**Total: 14 credits**

### Spring
- *BCH 482—Advanced Biochemistry II (3)
- BIOM 410/411—Microbial Genetics/Lab (5)
- PHSX 207N/208N—College Physics II/Lab (5)
- General Education Requirement (3)

**Total: 15 credits**

## Year 4

### Autumn
- *BIOB 410/411—Immunology/Lab (5)
- BIOM 450/451—Micro Phys/Lab (4): offered odd fall
- CHMY 311—Analytical Chemistry (4)
- General Education Requirement (3)

**Total: 16 credits**

### Spring
- *BIOM 402/403—Medical Bacteriology/Lab (5)
- BIOM 415—Microbial Diversity, Ecol, Evolution (3)
- Upper Division Elective (3)
- General Education Requirements (3)

**Total: 14 credits**

*Eligibility depends on placement exams

*See [catalog](#) or your advisor for details on alternative course choices.