# 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 (4) *[or M 171 Calculus I]*
- Freshman Experience (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 II/Lab (5)
- Intermediate Writing Course (3)
- General Education Requirement (3)

Total: 15 credits

## Year 3

### Autumn

- *BCH 480—Advanced Biochemistry I* (3)
- PHSX 205N/206N—College Physics I/Lab (5)
- STAT 216—Intro to Statistics (4)
- General Education Requirement (3)

Total: 15 credits

### Spring

- *BCH 482—Advanced Biochemistry II* (3)
- BIOM 410/411—Microbial Genetics/Lab (4)
- 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)
- BIOB 415—Microbial Diversity, Ecol, Evolution (3)
- Upper Division Elective (3)
- General Education Requirements (3)

Total: 14 credits

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*Eligibility depends on placement exams*

*See [catalog](#) or Biology Advising Office for details on alternative course choices.*