

# Graduation Requirements for Microbiology Minors

## Prerequisites

Students must have completed 01:119:115-116 General Biology and 01:160:161-162 General Chemistry with grades of C or better.

## Required courses (19 to 22 credits):

### 1. One course from the following list:

General Microbiology 11:680:390 (4)

### 2. At least one course from the following list:

Introductory Biochemistry and Molecular Biology 01:694:301 (3)

Introductory Biochemistry 11:115:301 (3)

General Biochemistry 11:115:403 (4)

### 3. At least one course from the following list:

Microbial Genetics and Genomics 11:680:480 (3)

Microbial Ecology and Diversity 11:680:491 (3)

Applied Microbiology 11:680:494 (4)

### 4. At least 9 credits from the following list:

Comparative Virology 11:126:407 (3)

Environmental Microbiology 11:375:411 (3)

Food Microbiology 11:400:423 (3)

Pathogenic Microbiology 01:447:392 (3)

Fungi and Ecosystems 11:628:404 (3)

Bacterial Physiology 11:680:481 (3)

### Any courses not taken from #3:

Microbial Genetics and Genomics 11:680:480 (3)

Applied Microbiology 11:680:494 (4)

Microbial Ecology and Diversity 11:680:491 (3)

Microbial Ecology & Diversity Laboratory 11:680:492 (2)

**or other microbiology courses approved by the Program Director**