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