Minor in Microbiology

A minor in Microbiology will be of considerable benefit to students majoring in biological science, natural science, food science, biochemistry, some fields of engineering, and other science-related fields.

Requirements
Effective Spring 2015

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

Core Courses
MIP 300  General Microbiology  3
MIP 302  General Microbiology Laboratory  2
MIP 342  Immunology  4

Selected Courses (select a minimum of 12 credits from the following lists)

Select at least one from the following:  3-4
MIP 351  Medical Bacteriology
MIP 420  Medical and Molecular Virology

Select at least one from the following:  3-4
MIP 443  Microbial Physiology
MIP 450  Microbial Genetics

Select 4-6 credits not taken above, including one laboratory course, from the following:  4-6
MIP 334  Food Microbiology
MIP 343  Immunology Laboratory
MIP 350  Microbial Diversity
MIP 351  Medical Bacteriology
MIP 352  Medical Bacteriology Laboratory
MIP 420  Medical and Molecular Virology
MIP 425  Virology and Cell Culture Laboratory
MIP 432  Microbial Ecology
MIP 436  Industrial Microbiology
MIP 443  Microbial Physiology
MIP 450  Microbial Genetics
MIP 462/ BZ 462/ BSPM 462  Parasitology and Vector Biology
MIP 498  Research

Program Total Credits  21