

# MINOR IN MICROBIOLOGY

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## Requirements Effective Fall 2020

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.

Code	Title	Credits
<b>Core Courses</b>		
MIP 300	General Microbiology	3
MIP 302	General Microbiology Laboratory	2
MIP 342	Immunology	4
<b>Selected Courses (select a minimum of 12 credits from the following lists)</b>		
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 250	Eukaryotic Microbiology	
MIP 260	The World of Parasites	
MIP 334	Food Microbiology	
MIP 335	Food Microbiology Laboratory <sup>1</sup>	
MIP 343	Immunology Laboratory <sup>1</sup>	
MIP 351	Medical Bacteriology	
MIP 401	Laboratory Research Methods in Microbiology <sup>1</sup>	
MIP 420	Medical and Molecular Virology	
MIP 425	Virology and Cell Culture Laboratory <sup>1</sup>	
MIP 432/ESS 432	Microbial Ecology	
MIP 443	Microbial Physiology	
MIP 450	Microbial Genetics	
MIP 462/BZ 462/ BSPM 462	Parasitology and Vector Biology <sup>1</sup>	
MIP 498	Research	
<b>Program Total Credits:</b>		<b>21</b>

<sup>1</sup> Laboratory course.