

# Microbiology Minor

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(All colleges)

18 credits

Code	Title	Credits
MIC 230	Fundamentals of Microbiology	4
Select one of the following courses: <sup>1</sup>		3-4

MIC 350	Bacterial Diversity
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MIC 407	Pathogenic Bacteriology
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Select remaining credits from the following electives; maximum of 10-11 four credits from List II, and maximum of two credits from List III

List I	
MIC 310	Immunology
MIC 350	Bacterial Diversity
MIC 380	Food Microbiology
MIC 407	Pathogenic Bacteriology
MIC 410	Immunology Laboratory
MIC 416	Prokaryotic Molecular Genetics
MIC 420	Introductory Virology
MIC 421	Virology Laboratory
MIC 425	Bacterial Physiology
MIC 427	Industrial and Fermentation Microbiology
MIC 428	Fermentation Microbiology Laboratory
MIC 434	Aquatic Microbial Ecology
MIC 442	Plant Microbe Interactions
MIC 454	Mechanisms of Microbial Pathogenicity
MIC 458	Research Deconstruction
MIC 460	Symposium in Microbiology
CLI 440	Clinical Parasitology

List II (not to exceed four credits)	
BIO 406	Parasitology
BIO 412	Mycology
BIO 413	Medical Mycology
BIO 449	Advanced Microscopy and Biological Imaging
CHM 445	Biochemistry of Antimicrobials

List III (not to exceed two credits)	
MIC 299	Introduction to Microbiology Research
MIC 499	Independent Research in Microbiology

<b>Total Credits</b>	<b>18</b>
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<sup>1</sup> If three credits are selected, 11 credits are required from the elective lists for a total of 18 credits for the minor. If four credits are selected, 10 credits are required from the elective lists for a total of 18 credits for the minor.