

Microbiology Minor (Non-Teaching)

BIOM 103IN	Unseen Universe: Microbes	3
or BIOM 250	Microbiology for Health Sciences: Infectious Diseases	
BIOB 160	Principles of Living Systems	4
or BIOB 260	Cellular and Molecular Biology	
BIOM 360	General Microbiology ^{pre-reqs BIOB 160, CHMY 141 & 143}	5
Microbiology Electives (need 13 cr. from list below)		13
BIOM 101	Careers in Microbiology	1
BIOM 210RN	Environmental Health Science	3
BIOM 365	Astrobiology	3
BIOM 363	Eukaryotic Cell Biology	3
BIOM 400	Medical Microbiology	3
BIOM 410	Microbial Genetics	3
BIOM 405	Host-Associated Microbiomes	3
BIOM 415	Microbial Diversity, Ecology, and Evolution	3
BIOM 419	Programming for Biologists	3
BIOM 421	Concepts of Plant Pathology	3
BIOM 423	Mycology	3
BIOM 425	Toxicology: Science of Poisons	3
BIOM 430	Applied and Environmental Microbiology	4
BIOM 427	General Parasitology	4
BIOM 431	Medical Bacteriology	3
BIOM 432	Med Bacteriology Lab	2
BIOM 435	Virology	3
BIOM 441	Eukaryotic Pathogens	4
BIOM 450	Microbial Physiology	3
BIOM 452	Soil & Environmental Microbiology	3
BIOM 455R	Research Mthds in Microbiology	4
BIOM 457R	Research Methods in Immunology	4
BIOM 460	Infectious Diseases Ecology and Spillover	3
BIOM 490R	Undergraduate Research ((max of 3 cr for minor))	3
BIOM 498R	Microbiology and Biotechnology Internships	1-4
BIOB 410	Immunology	3
BIOB 424	Ethical Practice of Science	3
BIOB 477	Genome Science and Gene Expression	5
BIOH 405	Hematology	3
BIOH 406	Hematology Laboratory	1
BIOH 422	Genes and Cancer	3
BIOH 458	Human Pathophysiology	3

A minimum of 9 credits total must be in courses numbered 300 and above.
A maximum of 2 Undergraduate Research credits can be applied to the minor.