

# Minor in Microbiology

The Minor in Microbiology, through the Department of Veterinary Pathobiology in the College of Veterinary Medicine, will be of interest to students majoring in fields related to microbiology, such as biological sciences, animal sciences, biochemistry, clinical and diagnostic science, food science, health science, nutrition, and public health. Students pursuing admittance to professional programs, such as medical, dental, and veterinary schools, may also find this minor to be relevant.

## Requirements

To complete the minor, students must successfully complete 15 credit hours from the courses listed below. A minimum grade of C- and an overall GPA of 2.0 for all minor coursework indicates successful completion. At least nine hours of coursework for the minor must be completed at MU.

Students will need to take BIO\_SC 1500 prior to enrolling in any of the courses listed for the minor. Students who opt to take BIO\_SC 3750 and BIO\_SC 3760 in place of MICRO 2010 and MICRO 2011 will be required to take BIO\_SC 2200 and BIO\_SC 2300 as prerequisites.

Interested students should complete the online form at [https://musis2.missouri.edu/Minor\\_Declare/request.cfm](https://musis2.missouri.edu/Minor_Declare/request.cfm). Questions about the program should be sent to: [microbiology@missouri.edu](mailto:microbiology@missouri.edu).

<b>Required Microbiology Courses</b>		<b>8</b>
MICRO 2010	Fundamentals of Microbiology	3
or BIO_SC 3750	General Microbiology	
MICRO 2011	Fundamentals of Microbiology Laboratory	2
or BIO_SC 3760	Microbiology Laboratory	
MICRO 3551	Introduction to Immunology I	3
<b>Choose from the following course list:</b>		<b>7</b>
MICROB 3200	Medical Microbiology and Immunology	4
or MICROB 2800	Microbiology for Nursing and Health Professions	
MICRO 3345	Fundamentals of Parasitology	3
MICRO 3554	Introduction to Virology	3
MICRO 3557	Microbial Pathogenesis I	3
MICRO 3560	Microbial Physiology	3
MICRO 3600	Bacterial Genetics and Genomics	3
MICRO 3650	Applied Microbiology and Biotechnology	3
MICRO 3658	Public Health Microbiology	3
MICRO 3700	Medical and Veterinary Entomology	3
ENV_SC 4312	Environmental Soil Microbiology	3
F_S 4370	Food Microbiology	3
F_S 4375	Food Microbiology Laboratory	2
P_HLTH 3450	Introduction to Epidemiology	3
or P_HLTH 3760	Infectious Disease and Public Health Approaches	
PLNT_SCI 4500	Biology and Pathogenesis of Plant-Associated Microbes	4