

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 V_PBio 2010 and V_PBio 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. Questions about the program should be sent to: microbiology@missouri.edu.

Required Microbiology Courses		8
V_PBio 2010 or BIO_SC 3750	Fundamentals of Microbiology General Microbiology	3
V_PBio 2011 or BIO_SC 3760	Fundamentals of Microbiology Laboratory Microbiology Laboratory	2
V_PBio 3551	Introduction to Immunology I	3
Choose from the following course list:		7
MICROB 3200 or MICROB 2800	Medical Microbiology and Immunology Microbiology for Nursing and Health Professions	4
V_PBio 3345	Fundamentals of Parasitology	3
V_PBio 3554	Introduction to Virology	3
V_PBio 3557	Microbial Pathogenesis I	3
V_PBio 3560	Microbial Physiology	3
V_PBio 3600	Bacterial Genetics and Genomics	3
V_PBio 3650	Applied Microbiology and Biotechnology	3
V_PBio 3658	Public Health Microbiology	3
V_PBio 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 or P_HLTH 3760	Introduction to Epidemiology Infectious Disease and Public Health Approaches	3
PLNT_SCI 4500	Biology and Pathogenesis of Plant-Associated Microbes	4