

Microbiology

Microbiology, which includes the sub-disciplines of bacteriology, virology, mycology, parasitology, and immunology, is a cornerstone discipline in the fields of public health, food safety, medicine, veterinary medicine, dentistry, biotechnology, and biomedical research. A course of study in the Department of Veterinary Pathobiology leads to the Bachelor of Science in Microbiology. This degree program positions graduates favorably for either direct entry into the job market or for additional post-baccalaureate training in medicine, veterinary medicine, dentistry, nursing, or biomedical research. Job opportunities for graduates exist in the private sector with medical, animal health, pharmaceutical, and biotechnology-based companies and with government laboratories such as the Center for Disease Control and Prevention, the National Institutes of Health, and the United States Department of Agriculture. Microbiology courses provide a strong science background, which can be beneficial for specialization in such diverse careers as journalism (science and public health reporting) and law (biotech, patent, and environmental law). Students are encouraged to gain research experience by working on mentored projects in faculty labs.

Faculty

Professors D. Anderson**, B. Beerntsen**, C. Brown**, E. Bryda**, M. Calcutt**, L. Gangwani**, R. Ganta**, C. Lorson**, B. Picking*, W. Picking

Associate Professors J. Adamovicz**, Y. Agca**, J.M. Amos-Landgraf**, R. Barabote, A. Ericsson**, A. Franz**, W. Ma**, R. Raghavan**

Assistant Professors K. Singh**

* Graduate Faculty Member - membership is required to teach graduate-level courses, chair master's thesis committees, and serve on doctoral examination and dissertation committees.

** Doctoral Faculty Member - membership is required to chair doctoral examination or dissertation committees. Graduate faculty membership is a prerequisite for Doctoral faculty membership.

Undergraduate

- BS in Microbiology (<https://catalog.missouri.edu/collegeofartsandscience/microbiology/bs-microbiology/>)
- Minor in Microbiology (<https://catalog.missouri.edu/collegeofartsandscience/microbiology/minor-microbiology/>)

Graduate

Microbiology does not currently offer a graduate degree program. For similar degree options please see the Degree Program Table (<https://catalog.missouri.edu/degreesanddegreeprograms/>).