

MICROBIOLOGY (M.S.)

<https://colsa.unh.edu/mcbs/microbiology/microbiology-ms>

Description

The Department of Molecular, Cellular, and Biomedical Science (MCBS) offers a master of science in microbiology. Research opportunities are available in a broad range of areas, including plant-microbe interactions, signal transduction, microbial development, host-microbe interactions, environmental microbiology, environmental and molecular virology, microbial ecology, microbial evolution, microbial genetics and genomics, molecular microbiology, and biotechnology.

Requirements

M.S. Degree Requirements

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admitted to the M.S. program are required to conduct an independent research project in conjunction with a faculty adviser and must submit a thesis based on this research to a graduate committee, which determines its acceptability. Specific coursework is determined in conjunction with the graduate committee.

A minimum of 30 credits, including 6-10 thesis credits (MICR 899 Master's Thesis), and a minimum of two other graduate level courses at the 800 or 900-level in the area of microbiology, is required. All M.S. students are required to enroll in and attend seminar (MCBS 997) every semester and present one seminar each year. A thesis and a formal defense are also required. In addition, the student must submit at least one manuscript for publication to a peer-reviewed journal.