

BIOL 205R: Microbiology

This is a comprehensive study of the basic principles of microbiology. Emphasis is placed on understanding the variety and differences of microbes and their relationship to humans. A survey of the morphology, physiology, genetics and classification of bacteria, viruses and other organisms and their relationship to sanitation and infectious diseases are emphasized.

Laboratory work parallels lecture topics and includes microscopy, study of various microorganisms, biochemical analysis and biological experimentation. Laboratory exercises are highly-sequenced, outcome-driven, and require cognitive, psychomotor, and application of technical laboratory skills.

Credits: 4

Lab Hours: 3

Lecture Hours: 3

Prerequisites:

BIOL 101R or BIOL 201R with a grade of "C" or higher OR

Matriculation in the MLT program OR

Permission of Department Designee

Program: [Biology](#)