

Microbiology (MICR)

MICR 130: General Microbiology

This course covers the fundamentals of microbiology and the role of microorganisms in the environment and in human affairs. Bacteria, viruses, fungi, algae, and protozoa are described and their importance is discussed. Other topics include cell structure and metabolism; microbial genetics; pathology and epidemiology; principles of immunology. Emphasis is given to medical aspects of bacterial and viral diseases, immunology and chemotherapy.

Credits: 3

Prerequisites: ENG 22 or ENG 24 with a grade of C or better or equivalent

MICR 140L: General Microbiology Lab

Experiments involve aseptic technique and manipulation of microorganisms under laboratory conditions to illustrate the basic principles of microbiology. Primarily for students majoring in the health sciences. Class meets for two 2-hour lab sessions per week.

Credits: 2

Prerequisites: MICR 130 with a grade of C or better or concurrent enrollment