

BIO 220: General Microbiology

This course covers the fundamental principles of microbiology, which includes the characteristics of bacteria, archaea, eukaryotes, and viruses; cell functions and microbial genetics; chemical and physical control methods of microbial growth; and interactions between microbes and humans in relation to pathology, immunology, and the role of normal biota. The laboratory experience focuses on microbiological techniques including culturing, microscopy, staining, identification, and control of microorganisms. This course requires 240-minutes of laboratory per week.

Credits: 4

Lab Hours: 2

Lecture Hours: 2

Prerequisites:

A grade of C or better in BIO 103 or successful placement on the Alabama Community College System Biology Placement Exam; or a grade of C or better in BIO 201.