

BIO281 : Microbiology

An introduction to microorganisms and their activities, for health-related majors. The topics cover cell structure, classification, metabolism, methods of control, antimicrobial drugs, genetics, microbial and host defenses, immunology and applications, representative infectious diseases, and food and industrial microbiology. Independent study is encouraged. The laboratory component introduces basic procedures of handling, growing, and identifying microorganisms. (3 class hours/2 laboratory hours per week)

Credits 4

Prerequisites

A grade of C or higher in [BIO152: General Biology II](#) or [BIO252: Human Anatomy & Physiology II](#)

Semester Offered

Fall

Spring

Summer