

BIOS205 : Microbiology

This course is designed to give a basic understanding of the biology of microorganisms including viruses, bacteria, protozoans, fungi, algae and helminths. The course will also discuss the interaction of microorganisms with the human body including the human immune system. Finally the course will briefly discuss diseases affecting different parts of the human body. The laboratory will include the study of the elementary principles and methods of bacteriology and other microorganisms and their relationship to health and disease. Basic concepts of control and prevention of disease are introduced including transmission, incubation, growth and control. The laboratory will not always correspond with the lecture topics as it focuses primarily on the growth, identification and control of bacteria.

Credits 4

Concurrent

BIOS205L Microbiology Lab.