

BIOL-403 : Pathogenic Microbiology

Exploration of major human pathogens, including viruses, bacteria, fungi, protozoa, and helminths. Topics include host-parasite interactions, host defenses, pathogenic mechanisms, control of microorganisms, diagnosis and identification of infectious agents, antibiotic therapy, disease transmission and epidemiology. Class activities include discussion of medical case studies, literature analysis, identification of unknowns, and field trips. Three lectures and one lab per week.

Prerequisite: **BIOL-309** or permission of instructor; **BIOL-325** and **BIOL-400** strongly recommended

Credits 4

Prerequisites

BIOL-309 or permission of instructor; BIOL-325 and BIOL-400 (strongly recommended)

Corequisites

Take BIOL-403L

Term Offered

Spring Only

Session Cycle

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Grade Scheme

BC