

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.

Credits 4

Recommended Prerequisites

[BIOL-325](#) and [BIOL-400](#) strongly recommended

Prerequisites

[BIOL-309](#) or permission of instructor

Term Offered

Spring Only

Session Cycle

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