

# BIOL 4354 : Pathogenic Microbiology

Study of disease-causing microbes with a focus on host-pathogen interactions, virulence factors, host response, transmission, detection, and prevention. The course will stress important human, plant and animal diseases caused by viruses, bacteria and protozoans. Emphasis will be placed on the emerging molecular techniques used to understand, identify and control epidemics. Prerequisites: [BIOL 3321](#)

**Credits** 3

**Course ID**

007435

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester