

BIOL3540 : Immunology

This course introduces students to the immune system and the basics of immunology. Topics will begin with a survey of the cells and organs of the immune system, innate and adaptive immunity, lymphocyte development, and effector mechanisms of both cell-mediated and humoral immunity. Concluding topics will integrate basic immunological concepts with regulatory interactions between different components of the immune system, deleterious effects of aberrant immune processes, and the immunopathology of various disease states.

Credits 3

Prerequisite Courses

BIOL2220

BIOL2230

Semester Offered

Alternate years.