

BIOL222C : Pathophysiology

Provides the Allied Health student with an understanding of disease processes by building on the student's knowledge of normal anatomy and physiology. Common disorders of major body systems are discussed relative to the mechanisms by which they develop and their effects on homeostasis.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Prerequisites

Students must pass all prerequisite courses with a grade of C or higher.

BIOL196C

Learning Outcomes

Upon completion of this course, students will:

1. Define factors affecting the frequency and incidence of disease.
2. Describe the inflammatory and immune responses and the mechanisms of prevention and control of disease.
3. Distinguish types and characteristics of microorganisms responsible for human infectious diseases.
4. Evaluate the mechanisms by which deviations from normal health occur, including but not limited to: infectious agents, carcinogens, genetic abnormalities, mechanical injury.
5. Compare characteristics of specific pathologies of human body systems as discussed in class, particularly as those characteristics relate to deviations from homeostasis.