

BIOS221 : Pathophysiology

Basic concepts of pathophysiology are introduced beginning with a major focus on cellular functions and pathology. These concepts serve as the foundation for the course as pathological changes and their manifestations, including inflammation, in major body systems are examined. Alterations in body fluid and electrolyte homeostasis, acid-base balance, digestive, urinary, respiratory, cardiac, endocrine, neurological and musculoskeletal functions are emphasized.

Credits 3

Prerequisites

BIOS203 Anatomy & Physiology I and BIOS204 Anatomy & Physiology II; OR BIOS234 Human Anatomy and BIOS235 Human Physiology.

Prerequisite Courses

BIOS203

BIOS204

BIOS334

BIOS335