

NSG5003 : Advanced Pathophysiology

This course builds on and applies concepts from the humanities, behavioral sciences, biological sciences and nursing science in an examination of pathophysiologic principles and common pathological conditions. The topics of cellular biology, genes and gene-environment interactions, mechanisms of self-defense, cellular proliferation, and pathophysiologic alterations related to organs and body systems, are addressed. The focus is on pathological conditions encountered in clinical practice across the life span of patients, including but not limited to geriatric, adult, and pediatric considerations. Emphasis is placed on regulatory and compensatory mechanisms as they relate to commonly occurring diseases. A minimum grade of B is required to pass this course.

Credits 4.0

Prerequisites

None

Corequisites

None