

HIM 100 : PATHOPHYSIOLOGY AND PHARMACOLOGY

Transcript title

Pathophysiology Pharmacology

Credits

4

Grading mode

Standard letter grades

Total contact hours

40

Lecture hours

40

Prerequisites with concurrency

AH 111; and (BI 105 or BI 231).

Course Description

Provides an in-depth study of human disease processes which affect organs and interrelated body systems. Introduces general principles of pharmacology. Topics include etiology, physical signs and symptoms, diagnosis/treatment modalities, manifestations, progression of disease conditions, drugs, drug classes, and drug interactions.

Course learning outcomes

1. Define the concept and scope of pathophysiology.
2. Identify diagnostic tests and procedures.
3. Explain common therapies including pharmacotherapy.
4. Identify common surgical procedures and approaches.
5. Identify most frequent and significant diseases.
6. Identify major organ related diseases and multiple organ system diseases.
7. Examine pharmacology and pharmacotherapy.

Content outline

1. Concept and scope of pathophysiology.
2. Diagnostic tests and procedures.
3. Common therapies including pharmacotherapy.
4. Common surgical procedures and approaches.
5. Frequent and significant diseases.
6. Major organ related diseases and multiple organ system diseases.
7. Pharmacology and pharmacotherapy.

Required materials

Required textbook. Computer and reliable internet access. Portable storage device (i.e. usb drive).