Syllabus

BIO 223 Pathophysiology

General Information

Date April 18th, 2019
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Department Science and Technology
Course Prefix BIO
Course Number 223
Course Title Pathophysiology
Dual Listing (also listed as): NUR 223

Course Information

Catalog Description This course is designed for students who wish to apply their knowledge of physiology to disease states occurring across the lifespan. The course will consist of a review of the normal functioning of selected body systems, and then analysis of pathological function during disease of those systems and standard treatment for these pathological conditions.

Credit Hours 3
Lecture Contact Hours 3
Lab Contact Hours 0
Other Contact Hours 0
Grading Scheme Letter

Prerequisites

BIO 172

Co-requisites

None
First Year Experience/Capstone Designation

This course DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category
None

FLCC Values

Institutional Learning Outcomes Addressed by the Course
Vitality, Inquiry, Perseverance, and Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Describe basic concepts of pathophysiology.

2. Correlate the causes, pathophysiological processes and treatment of commonly occurring selected disease entities across the life span encountered in clinical practice

Outline of Topics Covered

I. Basic concepts of pathophysiology

II. Normal anatomy physiology of the following systems:
   a. Neurological system
   b. Endocrine system
   c. Hematologic system
   d. Cardiovascular system
   e. Pulmonary system
   f. Renal system
   g. Musculoskeletal
   h. Gastrointestinal system

III. In depth study of pathophysiological processes commonly occurring in the above listed body systems.

IV. In depth examination of the pathophysiology of selected commonly occurring disease entities across the lifespan as they relate to body systems listed in #2, their effect on bodily function, and associated treatment.

Program Affiliation
This course is not required as a core course in any programs.