

**Faculty of Pharmaceutical Sciences & Pharmaceutical  
Industries**  
**Physiology**

**Information :**

**Course Code :** PHL 123      **Level :** Undergraduate      **Course Hours :** 3.00- Hours

**Department :** Faculty of Pharmaceutical Sciences & Pharmaceutical Industries

**Instructor Information :**

Title	Name	Office hours
Lecturer	Doaa Mohamed Abdel Wahed Mohamed	10

**Description :**

The current course enables students to know about and recognize the normal structure and function of the body and major system, to acquire an appropriate functional background of cells, tissues, organs & systems. It also provide information on the integration of physiological functions, which characterize the performance of the human body as a whole in health. Herein, the physiology of the autonomic nervous system and its integration with higher centers, the physiological functions of cardiac muscles and blood with special emphasis on their homeostatic regulation of blood pressure will be further discussed. The renal physiology with regard to control on electrolytes and pH, respiratory function of the pulmonary system, endocrine functions as well as the physiological aspects of neurochemistry in regulating neuronal functions of the central nervous system will be also addressed.

**Books :**

Book	Author	Publisher
Guyton and Hall Textbook of Medical Physiology	John E. Hall	Saunders