

PHY 234 : Physiology

The course is designed to expand physiological concepts gained from human structure and function courses in the first year. It will teach the students basic principles of human physiology that keeps the human body functioning and in homeostasis. The principal level of focus on physiology in this course is at various levels of organization, ranging from cellular and molecular to tissue and organ system levels. The physiology of cardiovascular, endocrine, central nervous systems, respiratory, gastrointestinal tract, and others will be covered in detail where emphasis will be placed on understanding the integrated regulation of various body processes among these major systems. Such knowledge will prepare the students to the pathophysiological basis of diseases incorporated into pharmacotherapy courses starting in the fourth year. This course will run parallel to the anatomy and histology course with regard to the sequence of the covered subjects.

Credits 3

Prerequisites

[PHSF 101](#) 112

Co-Requisite Courses

ANT 233