PHSC-317: Structures & Functions in Therapeutics

This course is designed to provide the student with the fundamental knowledge of the general structure and function of the human body. A short introduction to basic cell structure, tissues, human development and physiological control mechanisms & membrane transport is given at the beginning of the course to help the student acquire a better understanding of human anatomy and physiology. Instruction using the systemic approach has been adopted for this course. This method provides a better correlation among the tissues and organs and their functions of a particular system and between the systems themselves. A systemic approach also promotes the understanding of structure and function of the human body. The lectures are designed to give the student fundamental and essential knowledge of the human body's various organ systems. Slide projections, power point presentations, computer simulations and lecture outlines are used as teaching aids in this course. Work in the laboratory provides students with the opportunity to study prosecuted cadaver materials, anatomical models and physiological applications. Students are further guided by printed laboratory organization and objectives.
Credits: 2
Program: Pharmaceutical Science