

DAPP 800: ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY

This course focuses on concepts foundational to an understanding of human physiology. Functional systems of the cell, cell metabolism, cell membrane transport, membrane potentials, action potentials, cell receptors, cell markers, the cardiovascular system, respiratory physiology, the renal system, muscle physiology, and the hematopoietic system will be covered. Selected pathophysiologic and anesthesia-related examples are integrated. Understanding these concepts is a prerequisite to a comprehension of all cell, tissue, organ, and systems physiology and pathophysiology. This content serves as a basis for everything else we will discuss during the second and third semesters.

Credits: 3.00

Learning Objectives: [D13](#), [D14](#), [D21](#), [D23](#)