

Integrative Anatomy and Physiology

Course code: HHD 2500

Total contact hours: 48 hours

Pre-requisite: Participants must be Health majors.

Course Overview

Integrative Anatomy and Physiology offers an immersive journey into the marvels of the human body, seamlessly blending the intricate study of anatomy with the dynamic functions of physiology. Designed to captivate and educate, this course delves deep into the fundamentals of cellular structure and tissue types, unveiling their pivotal roles in the human body.

From exploring the microscopic intricacies of cells through virtual microscopy labs to crafting three-dimensional bone models that elucidate skeletal adaptations, students engage in hands-on activities that bring theoretical concepts to vivid life. Each module unfolds with creativity and innovation, whether through designing multimedia campaigns on skin cancer awareness or participating in a cardiovascular hackathon to unravel the mysteries of blood circulation.

Ethics in neuroscience discussions and muscle rehabilitation challenges further enrich the learning experience, fostering critical thinking and ethical reasoning. Culminating in an anatomy expo where students showcase their integrated knowledge, this course not only equips learners with foundational understanding but also instills a passion for the complexities and interconnectedness of human anatomy and physiology.

This is a theoretical-practical course and responds to the professional profile to the according question: *"What are the basic concepts of anatomy and physiology, and how can they help understand the human body?"*