BI 233 : Human Anatomy & Physiology III

Introduces the respiratory, digestive, urinary and reproductive systems, metabolism and fluid and electrolyte balances, embryology and genetics. Includes lecture discussions complemented by laboratories involving microscopy, animal dissection, physiological exercises and computer based exercises. Concludes a three-course sequence.

Credits 4

Subject

Biology

Course Outcomes

Upon successful completion students will be able to:

- Work collaboratively, competently and ethically within a team of other health care professionals in subsequent clinical and academic programs in allied health sciences.
- Apply concepts and knowledge of general terminology, gross anatomy, physiology, histology and terminology related to the respiratory, digestive, urinary and reproductive systems, metabolism and fluid and electrolyte balances; embryology and genetics toward clinical problem solving.
- Critically evaluate health articles and medical journals related to anatomy and physiology and contextualize the knowledge into the realm of public health and broader social issues.
- Effectively evaluate case studies in anatomy and physiology through verbal, written and/or multimedia means.
- Continually develop scientific reasoning and the ability to interpret patient data through the collection of clinical and physiological parameters.
- Use correct terminology to communicate anatomical features and physiological processes.

Prerequisite Courses

BI 232