BI 231 : HUMAN ANATOMY AND PHYSIOLOGY I

Transcript title
Human Anatomy and Physiology I

Credits
4

Grade mode
Standard letter grades

Contact hours total
60

Lecture hours
30

Lab hours
30

Prerequisites
WR 065 or minimum placement into WR 121 or (WR 121 plus WR 098).

Description
Examines the structure and function of the human body utilizing a systems approach. Emphasizes body organization, cells, tissues, as well as microscopic and gross anatomy along with the functional roles of the integumentary, skeletal and muscular systems, and concludes with nerve cells and tissue. Concurrent labs include hands-on dissections of a variety of tissues, organs, rats, fetal pigs and/or cats. First course of a sequence for students in pre-nursing and other pre-professional health programs. This course includes animal dissection and cadaver observation.

Learning outcomes
1. Explain the structures and functions of normal body systems. BI 231 specifically covers the features of a “model” cell, the primary tissues in the body, the Integumentary and Skeletal muscle systems, and the characteristics of nervous tissue.
2. Use appropriate terminology to effectively communicate information related to anatomy and physiology.
3. Recognize and explain the interrelationships between and within physiological systems of the human body.
4. Approach and examine issues related to anatomy and physiology from an evidence-based perspective (critical thinking).
5. Access, evaluate and use resources to stay current in emerging knowledge about the human body.
6. Make a connection between anatomy and physiology knowledge and practical applications.

General education/Related instruction lists
- Discipline Studies/Science Lab