

# BI 231 : HUMAN ANATOMY AND PHYSIOLOGY I

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## Transcript title

Human Anatomy and Physiology I

## Credits

4

## Grading mode

Standard letter grades

## Total contact hours

60

## Lecture hours

30

## Lab hours

30

## Prerequisites

WR 065 or WR 121Z or minimum placement Wr/Comm Level 7.

## Course 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.

## Course learning outcomes

1. Explain the structures and functions of normal body systems.
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.
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

- Science Lab