

Indiana State University

BIO 231 Section 001

Human Anatomy

Catalog Course Description

The skeletal, muscular, nervous, circulatory, respiratory, excretory, digestive, reproductive, and endocrine systems of human beings are studied in relation to their anatomy and histology.

Faculty Information

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Department: Biology

Office Hours: 2:00-4:00 pm Tuesdays (in Sciences 287K); 1:00-3:00 pm Fridays (2nd floor Sciences Building Fountain Overlook); by appointment

Course Learning Objectives

1. Describe the microscopic and gross anatomical organization of the human body.
2. Use anatomical and clinical terminology to describe the locations of tissues, organs, structures, and features of the human body.
3. Understand and describe the anatomical organization of the integumentary and skeletal systems, including the identification of skin structures and tissues, bones, bone markings, and articulations.
4. Understand and describe the anatomical organization of the muscular system, including the identification of major muscles, muscle origins, insertions, and actions.
5. Understand and describe the anatomical organization of the nervous and endocrine systems, including the central, peripheral, and autonomic nervous systems, along with structures that release hormones.
6. Discover and learn the anatomical organization of the cardiovascular and respiratory systems, including blood cells, the heart, blood vessels, and lung structures.
7. Understand and describe the anatomical organization of the urinary, digestive, and reproductive systems, from the kidneys, gastrointestinal tract, and biological sex structures.

Required Textbooks and Materials

Anatomy & Physiology: An Integrative Approach, 4th Edition

Authors: Valerie O'Loughlin, Theresa Bidle, and Michael McKinley (2022)

Publisher: McGraw Hill

ISBN: 9781265995812

Graded Elements of the Course

Item	Points each	Number	Subtotal	Appr. % of grade
Participation	10	21-3=18*	180 points	11.2%
SmartBook Assignments	30	21-3=18*	540 points	33.8%
Medical Term Root Quizzes	10	8	80 points	5%
Quizzams/Final Exam	100	9-1=8**	800 points	50%
TOTAL			1600 points	100%

* The three lowest grades will be dropped. **The lowest grade will be dropped.