## **Indiana State University**

**UPDATED: AUGUST 2025** 

#### 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%

<sup>\*</sup> The three lowest grades will be dropped. \*\*The lowest grade will be dropped.