

**WILMINGTON UNIVERSITY
COLLEGE OF ARTS AND SCIENCES
BASIC COURSE INFORMATION**

COURSE NUMBER	BIO 254
COURSE TITLE	Human Anatomy and Physiology II (With Lab)
CREDITS	4
PREREQUISITE	None

FACULTY MEMBER

TERM

METHOD OF CONTACT/ OFFICE HOURS

COURSE TIME BREAKDOWN

64 Hours of Structured Learning Activities

TEXTBOOKS

*A list of course textbooks are available on the Wilmington University Bookstore website:
<http://bookstore.wilmu.edu/>

COURSE DESCRIPTION:

This course examines the human body and its major systems. The course covers the chemical and cellular basis of life, along with tissues, the cardiovascular, lymphatic, digestive, reproductive and urinary systems. In this hands-on course, students will conduct dissections and perform experiments in laboratory conditions.

COURSE OBJECTIVES:

This course will provide students with the knowledge and skills to:

1. Produce solutions to problems using scientific reasoning. Apply the scientific method and critical thinking skills to draw logical conclusions based on the analysis of scientific data. Demonstrate the collection, analysis and reporting of data using the scientific method. Apply scientific principles and methods to real-world processes.
2. Summarize basic metabolic, chemical and genomic functions of the human body. Describe

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toed, non-perforated shoes and personal protective equipment. Long hair needs to be tied back. Students who are not dressed appropriately will not be allowed to participate in that day's laboratory activity, will be asked to leave, and will not have the opportunity to make up the experiment. Before any lab work can be performed, students will sign a contract confirming that they understand and will follow all safety rules, including waste handling and other important protocols. Any student found performing unauthorized experiments, failing to respond to instructions in a timely fashion, or behaving in an unsafe manner in the laboratory may be removed from the laboratory. Removal from the laboratory may be for the remainder of the current lab period or the remainder of the course itself, depending on the circumstances.

METHODOLOGY

A. Teaching and Learning Strategies

Assigned Readings, Web-Enhanced Activities, External Literature Review, Blogs/Discussions, Zoom, PowerPoint/Prezi, and Kaltura.

B. Evaluation Methods

Discussion Boards, Reflections, Milestones towards a final project, and Final Project

ATTENDANCE POLICY

EVALUATION PROCEDURE AND GRADING POLICY:

LATE ASSIGNMENT POLICY:

CAS CLASSROOM STANDARDS: See Syllabus module

COURSE SCHEDULE (all assignments/exams and due dates):