**Overview**

*Not a baccalaureate degree program*

Physiology courses provide students whose majors are in the life and health sciences with an understanding of body functions at the cellular and organ-system levels. A number of courses serve as prerequisites for majors with a healthcare focus. Students whose majors are not directly associated with the health professions are encouraged to take physiology courses as long as students satisfy course prerequisites.

**PGY 300: Human Physiology**

Credits: 4  
Semester(s): Fall, Spring  
Pre-requisites: ANA 113 or ES 207 or CHE 101 or CHE 105 or CHE 107 or CHE 111 or BIO 200 with a grade of C  
Type: LEC/REC

Functions of the human body; interrelationships of the organ systems as humans respond and adapt to their environment.

**PGY 405: Cell & Membrane Physiology**

Credits: 4  
Semester(s): Spring  
Pre-requisites: BCH 403 or BIO 201 or BIO 205  
Type: LEC/REC

Contemporary issues of cell structure and function and experimental methods used in modern cell biology research. Lectures concern basic principles and show how these principles are derived from research through reviewing original journal articles.

**PGY 412: Applied Physiology**

Credits: 2  
Semester(s): Spring  
Pre-requisites: PGY 300 or PGY 451 or PGY 452  
Type: LEC

Physiological responses of the body to the internal stresses caused by disease.

**PGY 451: Human Physiology I**

Credits: 3  
Semester(s): Fall  
Pre-requisites: CHE 101 or CHE 202 or CHE 107 or CHE 111 or BIO 200 or BIO 201 with a grade of C or better.  
Type: LEC

First semester of a two-semester lecture course in human body functions.

**PGY 452: Human Physiology II**

Credits: 3  
Semester(s): Spring  
Pre-requisites: PGY 451 or PGY 551  
Type: LEC

Second semester of a two-semester lecture course in human body functions.

**PGY 495: Supervised Teaching**

Credits: 1-3  
Type: TUT

The content of this course is variable and therefore it is repeatable for credit. The University Grade Repeat Policy does not apply.

Undergraduate teaching assistants will work in pairs to facilitate a PGY 300 review session for 2 hours every other week. Includes a review of recorded lectures, answering students questions, and providing clear explanation of class material. Other duties include facilitating a class blog on Blackboard and assisting with logistical support on exam days.

**PGY 498: Physiology Research**

Credits: 1-8  
Semester(s): Fall, Spring  
Type: LAB

The content of this course is variable and therefore it is repeatable for credit. The University Grade Repeat Policy does not apply.
Physiology

Students participate in original investigative work that includes both laboratory work and literature searching.

PGY 499: Independent Study

Credits: 1-8
Semester(s): Fall, Spring
Type: TUT

The content of this course is variable and therefore it is repeatable for credit. The University Grade Repeat Policy does not apply.

Undergraduate research tutorial.