

# Anatomy & Physiology

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## Survey of Human Anatomy and Physiology

ANAT 1500 - 4 Credits

Essential principles of human anatomy and physiology are presented, including basic chemistry, cell and tissue studies, and an overview of all the body systems. Intended as a survey course for certain allied health and social service programs, and as a general natural science course. Prerequisite: Course requires Reading Placement Test Score-Category One (3 lecture hours, 2 lab hours)

## Human Anatomy and Physiology I

ANAT 1551 - 4 Credits

First semester of a two-semester sequence dealing with the structure and function of the human body and mechanisms for maintaining homeostasis within it. Includes the study of cells, tissues, and the integumentary, skeletal, muscular and nervous systems. Course is intended to be an alternative to Anatomy & Physiology 1571; credit toward graduation will be granted for Anatomy & Physiology 1551 or Anatomy & Physiology 1571, but not for both. Biology 1151 is strongly recommended. Prerequisite: Course requires Reading Placement Test Score-Category One (3 lecture hours, 3 lab hours)

## Human Anatomy and Physiology II

ANAT 1552 - 4 Credits

Continuation of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis within it. The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development, metabolism, fluid and electrolyte balance, and acid-base balance are included. Course is intended to be an alternative to Anatomy & Physiology 1572; credit toward graduation will be granted for Anatomy & Physiology 1552 or Anatomy & Physiology 1572 but not for both. Prerequisite: Anatomy & Physiology 1551 or Anatomy & Physiology 1571, with a grade of C or better. Course requires Reading Placement Test Score-Category One (3 lecture hours, 3 lab hours)

## Anatomy and Physiology With Cadaver I

ANAT 1571 - 4 Credits

First semester of a two-semester sequence dealing with the structure and function of the human body and mechanisms for maintaining homeostasis within it. Includes the study of cells, tissues, and the integumentary, skeletal, muscular and nervous systems. Identification of anatomical structures on cadavers will be required in the laboratory. Course is intended to be an alternative to Anatomy & Physiology 1551; credit toward graduation will be granted for Anatomy & Physiology 1551 or Anatomy & Physiology 1571 but not for both. Biology 1151 is strongly recommended.

Prerequisite: Course requires Reading Placement Test Score-Category One (3 lecture hours, 3 lab hours)

## **Anatomy and Physiology With Cadaver II**

### **ANAT 1572 - 4 Credits**

Continuation of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis within it. The endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development, metabolism, fluid and electrolyte balance, and acid-base balance are included. Identification of anatomical structures on cadavers will be required in the laboratory. Course is intended to be an alternative to Anatomy & Physiology 1552; credit toward graduation will be granted for Anatomy & Physiology 1552 or Anatomy & Physiology 1572 but not for both. Prerequisite: Anatomy & Physiology 1551 or Anatomy & Physiology 1571, with a grade of C or better. Course requires Reading Placement Test Score-Category One (3 lecture hours, 3 lab hours)

## **Selected Topics I**

### **ANAT 1820 - 3 Credits**

Introductory exploration and analysis of selected topics in anatomy and physiology with a specific theme indicated by course title listed in college course schedule. This course may be taken four times for credit as long as different topics are selected. (3 lecture hours)

## **Selected Topics II**

### **ANAT 1821 - 3 Credits**

Introductory exploration and analysis of selected topics in anatomy and physiology with a specific theme indicated by course title listed in college Class Schedule. This course may be taken four times for credit as long as different topics are selected. (2 lecture hours, 2 lab hours)

## **Independent Study**

### **ANAT 1840 - 1-4 Credits**

Exploration and analysis of topics within anatomy and physiology to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. Prerequisite: Consent of instructor is required (1 to 4 lecture hours)

# Anatomy & Physiology

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## Internship (Career & Technical Ed)/Coop Ed/Internship Occup

### ANAT 2860 - 1-4 Credits

Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Associate Dean from the academic discipline where the student is planning to earn credit.

## Internship Advanced (Career & Tech Ed)

### ANAT 2865 - 1-4 Credits

Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Associate Dean from the academic discipline where the student is planning to earn credit.

## Internship (Transfer)

### ANAT 2870 - 1-4 Credits

Course requires participation in work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Associate Dean from the academic discipline where the student is planning to earn credit.

## Internship - Advanced (Transfer)

### ANAT 2871 - 1-4 Credits

Continuation of Internship (Transfer). Course requires participation in work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with

approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Associate Dean from the academic discipline where the student is planning to earn credit.