

# ANA - ANATOMY

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## **ANA 6000 Clinical Anatomy (3 Units)**

Study of structural organization of the human body from cellular to organ system level of organization and its application to clinical scenarios. Gross and microscopic anatomy of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems of the human body. Also offered as ANA 4000 and ANA 5000.

## **ANA 6001 Human Gross Anatomy (6 Units)**

This course is designed to develop an understanding of normal clinical anatomy through an integrated anatomical approach to the study of human body structure. Students will work in small groups and actively participate in full anatomy cadaver dissection labs. These labs are complemented with lectures covering the systematic and developmental anatomy of the human body within a clinical context.

## **ANA 6002 Gross Anatomy of the Musculoskeletal System (3 Units)**

This course provides students with an intensive eight-week experience in anatomical cadaver dissection and the application of structure to kinesiological function. The primary purpose of this course is to provide clinicians with a solid anatomical basis for understanding normal and abnormal function of the musculoskeletal system. This information is essential for the development of effective treatment interventions. Also offered as ANA 4002 and ANA 6002.

**Prerequisite(s):** Human Anatomy and Physiology or consent of instructor.

**Fee:** There is an additional fee of \$400 to supplement cadaver dissection associated with this course.

## **ANA 6003 Teaching and Learning Anatomy (1 Unit)**

In this course, student will gain a theoretical understanding of the skills and pedagogical approaches needed for the teaching of human anatomy using evidence-based approaches.

## **ANA 6004 Anatomy Clinical Practice (2 Units)**

In this course, learners will have the opportunity to work alongside a faculty member to engage with anatomy students. Learners will have the opportunity to work with anatomy students in lecture and laboratory setup. They will use evidence-based approaches to prepare and deliver learning materials.

**Prerequisite(s):** ANA 6003; ANA 5000 or ANA 6000; and ANA 4002 or ANA 5002 or ANA 6001 or ANA 6002

## **ANA 6005 Applied Human Anatomy (5 Units)**

This course will cover human gross anatomy with an emphasis on the structure and physiology of the musculoskeletal, neuromuscular, cardiopulmonary, and integumentary systems to provide a foundation for the practice of occupational therapy. Other anatomical systems (nervous system, digestive, urinary) will be covered briefly, especially as they relate to the function of the four emphasized systems. Emphasis is on the structure and functional relationships of human anatomy and application of knowledge to clinical conditions through lecture and small lab group experiences.

Successful completion of this course is necessary to progress to ANA 6009.

## **ANA 6009 Applied Neuroanatomy (3 Units)**

This course focuses on the relationship of the human nervous system to performance of occupations. Specific neurological systems covered will include sensory, motor, limbic, cognitive, visual, and vestibular and ventricles that correlate to common conditions seen by occupational therapists. Cases and lab experiences will assist the student in integrating neurologic concepts.

**Prerequisite(s):** Successful completion of ANA 6005. Successful completion of this course is necessary to progress to OCC 6027.

## **ANA 6020 Human Embryology (3 Units)**

To provide students with an understanding of embryological events related to the development of a particular body region or system.