

ANA - ANATOMY

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.

Letter grade.

Also offered as ANA 4000 and ANA 5000.

Fee: Course fee applies. See "University Fees" in Financing a PLNU Education.

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.

Fee: Course fee applies. See "University Fees" in Financing a PLNU Education.

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.

Letter grade.

Also offered as ANA 4002 and ANA 6002.

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

Fee: Course fee applies. See "University Fees" in Financing a PLNU Education.

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.

Letter grade.

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.

Letter grade.

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 (4 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.

Letter grade.

Corequisite(s): ANA 6005L

Fee: Course fee applies. See "University Fees" in Financing a PLNU Education.

Successful completion of ANA 6005/ANA 6005L is necessary to progress to ANA 6009.

ANA 6005L Applied Human Anatomy Lab (1 Unit)

Students will view and identify dissections from body donors to assist in learning structure and function of the musculoskeletal, neuromuscular, cardiopulmonary, and integumentary systems. Students will also meet with course faculty to discuss important anatomical concepts and apply knowledge to occupational therapy practice.

Letter grade.

Prerequisite(s): Successful completion of ANA 6005/ANA 6005L is necessary to progress to ANA 6009.

Corequisite(s): ANA 6005

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.

Letter grade.

Prerequisite(s): Successful completion of ANA 6000, ANA 6001, or ANA 6005/ANA 6005L. ANA 6005/ANA 6005L is required for students in the MS Occupational Therapy program.

Fee: Course fee applies. See "University Fees" in Financing a PLNU Education.

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.

Letter grade.