

600B ADVANCED TOPICS IN ANATOMY

This course is available to 4th year UC Irvine students only

Students must obtain permission from elective director prior to enrollment in this course

This is not a clinical rotation

Course Description:

Enrollees are given the option of selecting the area(s) they wish to study and determine the (depth/degree) of detail they wish to pursue. Because the course is taken by fourth year medical students, the study topics are generally in areas of the choice of residency. An appreciation of three-dimensional relationships of structures is stressed, along with their functional and clinical importance.

Department: Anatomy & Neurobiology

Prerequisites: Medical School Gross Anatomy and third year curriculum.

Restrictions: The course is only available to 4th year UC Irvine students only

Elective Director: Jamie Wikenheiser, Ph.D. , UC Irvine School of Medicine, Department of Anatomy & Neurobiology, Med Surge II, Room 306D, Irvine, CA 92697-4089, 949-824-9159, jwikenhe@uci.edu

Instructing Faculty: Jamie Wikenheiser, Ph.D.

Course Website: None

Who to Report to on First Day: Jamie Wikenheiser, Ph.D.

Location to Report on First Day: Room 306 D Med Surge II - basement of Med Surge II, Irvine

Time to Report on First Day: Contact Dr. Wikenheiser to verify time

Site Coordinator: Jamie Wikenheiser, Ph.D. , UC Irvine School of Medicine, Department of Anatomy & Neurobiology, Med Surge II, Room 306D, Irvine, CA 92697-4089, 949-824-9159, jwikenhe@uci.edu

Site(s): UC Irvine, School of Medicine

Scheduling Coordinator: UC Irvine students please call (714) 456-8462 to make a scheduling appointment.

Periods Available: The time of the course must be pre-approved by the elective director at least 3 months prior to the start of the course. No exceptions.

Duration: 2 or 4 weeks

Number of Students: 1-4

Course Objectives:

At the end of this rotation the student will be able to:

- Demonstrate increased knowledge of the three-dimensional and functional anatomy of the human body and its applications in a variety of clinical settings and technologic constructs

Key Topics:

- The three-dimensional relationships of gross anatomical structures
- The application of anatomic knowledge in carrying out diagnostic/therapeutic clinical procedures

Competencies:

- The ability to describe in detail the three-dimensional relationships of anatomic structures
- Knowledge of anatomy applied in carrying out diagnostic/therapeutic clinical procedures

Attitudes and Commitment:

- An attitude of acceptance of human diversity as reflected in anatomical variation
- A commitment to expanding one’s anatomic knowledge to improve patient care

Educational Activities:

- The student will perform detailed dissections in those areas in which he/she has an interest.
- The student will attend small group lectures/discussions
Sample student schedule: MTWThF - 8am-12pm (laboratory); 1-3pm (small group)

What should students do to Prepare for the Rotation:

The student is required to submit a plan for approval to the course director that includes: the rationale for taking the course, what goals are to be achieved, how goals are to be achieved, and how goals are to be evaluated

The student should complete the online bloodborne pathogen and formaldehyde safety training at www.ehs.uci.edu

Clinical Responsibilities of the Student: This is not a clinical rotation: The student will not have any clinical responsibility.

Patient Care Responsibilities: This is not a clinical rotation.

Call Schedule of the Student: This is not a clinical rotation.

Procedures to be Learned by the Student: This is not a clinical rotation.

Percentage of Time Student will Participate in Ambulatory Setting: None

Conference/Lecture/Small Group Sessions:

Course Hours Weekly Summary:

20	Laboratories
10	Small Groups
30	Total

Content Theme Integration: None

Required Reading: Grant's Dissector (14th Edition), Patrick W. Tank, Lippincott Williams and Wilkins

Recommended Reading(s): Clinical anatomy journal articles related to the area(s) of interest.

Other: Clinical anatomy textbooks related to area(s) of interest

Official Grading Policy: The student will be graded with Honors/Pass/Fail. Evaluation of performance is based on written and/or oral examination. The student will receive a grade of Honors, Pass or Fail. The student's final grade will be submitted on the standard UC Irvine elective form. If the student fails the elective a grade of "F" will be permanently recorded on his/her transcript. The student can repeat the course for a second grade, however, the "F" will not be removed from the transcript.