

600L SURGICAL ANATOMY

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

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

This is not a clinical rotation

Course Description:

Students discuss with the instructor the surgical procedure(s) they elect to pursue. They study the procedure(s) and discuss the same with the instructor before beginning to dissect. When the student feels he/she has achieved a satisfactory anatomical preparation, a presentation is made on the specimen from opening to closing, indicating step-by-step procedures and the logic for same.

Department: Anatomy & Neurobiology

Prerequisite: Medical School Gross Anatomy and core third year curriculum.

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

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 306D 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

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.

Duration: 2 or 4 weeks

Number of Students: 1-4

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

Course Objectives: At the end of this elective the student will be able to:

- Demonstrate several surgical procedures of their choice
- Demonstrate an increased knowledge of the three-dimensional anatomy of the human body

Key Topics:

- The three-dimensional relationships of gross anatomical structures
- The application of anatomical knowledge in carrying out surgical procedures

Competencies:

- The ability to describe in detail the three-dimensional relationships of anatomical structures
- Knowledge of anatomy applied in performing surgical procedures

Attitudes and Commitment:

- An attitude of acceptance of human diversity as reflected in anatomical variation
- A commitment to expanding one's anatomical 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. MTWThF - 8:00am - 12:00pm (laboratory);
1:00 - 3:00 pm (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 blood borne pathogen and formaldehyde safety training at www.ehs.uci.edu

Clinical Responsibilities of the Student: This is not a clinical rotation.

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: This is not a clinical rotation.

Conference/Lecture/Small Group Sessions: Because the course is tailored to the individual needs of students, there is no standardized or consistent material that is presented to every student that enrolls in the course. Students will participate in 10 hours per week of three-dimensional, functional and clinical anatomy topic 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: Clinical anatomy journal articles related to the area(s) of interest.

Other Reading: 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.