

630A Basic and Clinical Immunology

Course Name Basic and Clinical Immunology

Course Director Sudhir Gupta, MD

Academic Year 2020-2021

1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Sudhir Gupta, MD	C249 Medical Sciences 1	714-456-3870	sgupta@uci.edu
Coordinator: Haley Nguyen	City Tower, Suite 400, C2	714-456-3870	huonghan@uci.edu

DESCRIPTION

Types of patients seen at the Inpatient and Outpatient Service are those with asthma, allergic rhinitis, urticaria, drug allergy, hypersensitivity lung diseases, immunodeficiency diseases, and immunological disorders including HIV. Attending rounds are required to evaluate inpatients and consultations are seen by Immunology fellows and faculty. There are eight outpatient clinics a week; six allergy and two immunology.

PREREQUISITES

This course is intended for 3rd and 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

RESTRICTIONS

This course is intended for 3rd and 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

COURSE DIRECTOR

Dr. Gupta has worked in higher education since 1970. Graduated, doctorate in I.M. & D.Sc. from King George's Medical College, Lucknow University, Lucknow. Board certified of Allergy & Immunology since 1977 and has been with the University of California, Irvine since 1982.

Haley Nguyen is the course coordinator for 630A course.

INFORMATION FOR THE FIRST DAY

Prior to your rotation you will receive an email with instructions where location, time room and who to report to on your first day of the elective course rotation.

SITE: UC Irvine Medical Center

DURATION: 2 weeks

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.

NUMBER OF STUDENTS ALLOWED: 2 per rotation

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE

Arrive Promptly

COMMUNICATION WITH FACULTY

Dr. Yvonne Hsieh, Dr. Asal Naderi or any other of our faculty can answer questions about logistics should be directed to the Course Coordinator. Direct questions, comments, or concerns about the course can be directed to the Course Director. Contact information and office location are at the beginning of this document.

The Course Director is also available to meet in person. Please email vzakariy@uci.edu to arrange an appointment. To ensure that your email will not be lost in the large volume of email received, please use the following convention for the subject line:

SUBJECT: COURSE NAME, your last name, your issue (e.g. XXX, Smith, Request for appointment)

2. Course Objectives and Program Objective Mapping

The following are the learning objectives for the 630A course. Students are expected to demonstrate proficiency in these areas in order to satisfactorily complete the course. In addition, the extent of a student's mastery of these objectives will help guide the course evaluation and grade.

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Course Objective	Mapped UCI School of Medicine Program Objective	Sub Competency	Core Competency
Perform an adult and pediatric allergy and immunology history and examination and recognize normal and abnormal findings of the upper and lower respiratory track including the nasal passages.	B-1. The ability to competently conduct a medical interview and counseling to take into account patient health beliefs, patient agenda and the need for comprehensive medical and psychosocial assessment	Medical Interview	Skillful
	B-2. The ability to competently perform a complete and organ-system-specific examination including a mental health status examination	Physical Exam	Skillful
Demonstrate knowledge of the normal function of these organ systems and the pathogenesis especially allergic, immunologic and infectious diseases of these organ systems including genetic and bimolecular mechanism where known.	A-1. Knowledge of the structure and function of the major organ systems, including the molecular, biochemical and cellular mechanisms for maintaining homeostasis	Structure and Function of Organ Systems	Knowledgeable
Demonstrate knowledge of basic immunologic and allergic principles.	A-2. Knowledge of the pathogenesis of diseases, interventions for effective treatment, and mechanisms of health maintenance to prevent disease	Disease Pathogenesis and Treatment	Knowledgeable
Demonstrate knowledge of recommended treatments and the evidence used to	A-2. Knowledge of the pathogenesis of diseases, interventions for effective treatment,	Disease Pathogenesis and Treatment	Knowledgeable

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formulate treatment recommendations	and mechanisms of health maintenance to prevent disease		
Demonstrate knowledge of the mechanism of action, safety and side effects of medications.	A-2. Knowledge of the pathogenesis of diseases, interventions for effective treatment, and mechanisms of health maintenance to prevent disease	Disease Pathogenesis and Treatment	Knowledgeable
Capable of instructing patients to use medications especially various spray and inhalers.	B-3. The ability to articulate a cogent, accurate assessment and plan, and problem list, using diagnostic clinical reasoning skills in all the major disciplines	Patient Management	Skillful
Demonstrate knowledge of allergen avoidance and environmental control measures.	B-5. The ability to practice effective preventive medicine by identifying, addressing and advocating for strategies to maintain health and well-being, to identify and treat disease early where appropriate and to advise on lifestyle practices	Patient Management	Skillful

3. Course Resources

TEXTS AND READINGS: SUGGESTED

ACAAI/AAAAI reading material from website and the ACAAI/AAAAI syllabus, also when in the elective rotation faculty member(s) will provide what other reading material to read.

4. Major Exams, Assignments and Grading

MANDATORY SESSIONS

Didactics lectures on Mondays & Thursdays AM with Dr. Hsieh, Wednesdays at 12 noon with AI Faculty member(s) & Fridays AM and PM with Dr. Gupta.

MAJOR ASSIGNMENTS AND EXAMS

ITE and Boards

GRADING

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F), and Incomplete (I). For further information, please review the Grading Policy.

You have 30 days from the date of the grade to appeal any aspect of this grade. Please contact your Clerkship/course Director should you have any questions

Requirements for “Pass”: To receive a grade of Pass, students must demonstrate successful performance in all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Requirements for “Honors”: To receive a grade of Honors, students must demonstrate exceptional performance all the following areas:

- Knowledge
- Patient Care
- Practice-Based Learning
- Interpersonal & Communication Skills
- Professionalism
- Systems-Based Practice

Grounds for “Incomplete”: You will not be issued a grade until all elements of the course have been completed.

REMEDICATION

Remediation, if needed will be designed by the Course Director to suit the issue at hand.

Grounds for “Fail”: You will receive a grade of "Fail" if the requirements for passing the course have not been met. Please refer to the [Grading Policy](#) for the impact of the "Fail" grade to the transcript.