

630D Advanced Emergency Medicine

Elective at a Glance		
Available to: <input checked="" type="checkbox"/> UCI MS4 students <input type="checkbox"/> UCI MS3 students <input checked="" type="checkbox"/> Extramural Students		
Duration: 4 weeks	Number of Students: Varies	Grading: H / P / F
Periods available: May to September Only		

1. Course Director, Coordinator and General Administrative Information

FACULTY AND STAFF

Name	Office Location	Phone	Email
Director: Danielle Matonis, MD	3800 Chapman, Suite 3200, Orange, CA	714-456-3714	dmatonis@hs.uci.edu
Coordinator: Jessica Nevin	3800 Chapman, Suite 3200, Orange, CA	714-456-3714	jnevin1@hs.uci.edu

DESCRIPTION

The goal of the 630D clerkship is to introduce students to advanced principles of acute care and emergency medicine. Students have the opportunity to evaluate patients then formulate effective testing and treatment strategies. Patient care and procedural skills are emphasized. The course consists of experiences in direct patient care, assigned readings, weekly conferences, weekly gamified didactics, simulation sessions, journal club, and a social determinants of health reflection essay. Students receive feedback from attendings at the end of each shift and meet with a clerkship director twice during the rotation for feedback and any advising needs.

PREREQUISITES

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

RESTRICTIONS

Duration: All 630D Students must attend 4 consecutive weeks. This course is intended for 4th-year students enrolled in the undergraduate medical education program at University of California, Irvine School of Medicine (UCISOM).

Extramural students enrolled at a U.S. LCME medical school must use VSLO to apply. To apply please refer to this website: <https://vslo.aamc.org/vslo/#/public/find-electives>

Additionally, students should complete this interest form: <https://airtable.com/appetixrJrOoT3s8Q/shrAQxrAJcXMnRYoj>

This course does not accept international students.

COURSE DIRECTOR

Dr. Matonis is an Assistant Clinical Professor of EM and clerkship director of 630D Advanced Emergency Medicine Subinternship.

Jessica Nevin is the 630D Emergency Medicine Subinternship Coordinator.

INFORMATION FOR THE FIRST DAY

Location: UCI School of Medicine SIM Center: 836 Health Science Rd, Irvine, CA 92617

Time: 8:00 a.m.

Other Important Addresses:

Emergency Medicine Administrative Offices: 3800 W Chapman Ave, Suite 3200, Floor 3, Orange, CA 92868

CLINICAL SITE: The Emergency Department at the UCI Medical Center in Orange, CA.

DURATION: 4 weeks

Scheduling Coordinator: UC Irvine students please email comsched@hs.uci.edu to make a scheduling appointment.

Periods Available: Every 4 weeks from May to September. The time of the course must be pre-approved by the elective director at least three months prior to the start of the course. No exceptions.

NUMBER OF STUDENTS ALLOWED

Varies throughout the academic year.

WHAT STUDENTS SHOULD DO TO PREPARE FOR THE COURSE

UCIMC Preparation

- Students should review the 630D Advanced Emergency Medicine Clerkship Canvas page AND the course syllabus
- Review the recommended readings
- Ensure EPIC computer training has been completed, if not contact the Clerkship Coordinator

OVERVIEW

Students on rotations with direct patient care, such as emergency medicine, work the exact schedule the team works (including day, night, weekend, and holiday shifts). Please note that vouchers for days off are not valid for EM rotations. We consider 1 request per student for a day off per two week period, as available by scheduling.

HOW TO PREPARE

- Ensure your vaccinations, N95 mask fitting, and other VSLO requirements are up to date.
- Review common Emergency Medicine chief complaints and workups
- Review common Emergency Medicine procedures
- Consider reviewing the suggested materials below

ORIENTATION SHIFT

On your first shift in the Emergency Department, you will be scheduled to shadow one of the third-year residents for 3-4 hours of their shift. The timing of this shift will be available on the shift schedule provided to you by the Clerkship Coordinator. This is designed to orient you to the department, allow you to learn our patient workflow, and meet members of the team.

FIRST SHIFT

Check your schedule and report to the assigned attending in the Emergency Department.

- You can usually find them in the Physician Workroom or Building 4 Triage Area.
- If the faculty attending on your schedule has swapped out, please join the new faculty attending on the same shift

ROLES AND RESPONSIBILITIES

- Students are expected to attend/arrive on time to all mandatory activities:
 - Orientation
 - All assigned shifts
 - Wednesday Grand Rounds and medical student didactics
 - Simulation sessions
 - Journal club is optional but highly recommended
 - The resident-hosted social event is optional but highly recommended
- Students are expected to complete all assigned administrative tasks and assignments in our learning management system Canvas.

COMMUNICATION WITH FACULTY

Questions about logistics should be directed to the Course Coordinator. Direct questions, comments, or concerns about the course can be directed to the Clerkship Director. Contact information and office locations are above.

The Clerkship Director is also available to meet as needed. Please email the clerkship coordinator 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 630D 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.

Course Objective	Mapped UCI School of Medicine Program Objective	Sub Competency	Core Competency
EM-1. Develop an appropriate differential diagnosis for a variety of emergency department patient presentations.	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable
EM-2. Formulate a plan to safely make or rule out these diagnoses prior to disposition of the patient.	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable

EM-3. Acutely evaluate and manage a wide range of symptoms and conditions.	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning processes	Basic Clinical Skills	Knowledgeable
EM-4. Describe the full extent and complexities of a patient's past medical history and current social situation.	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	Medical Interview	Skillful
	and psychosocial assessment. C-3. Sensitivity and awareness of diverse cultures, health beliefs and social factors impacting patient health and illness	Cultural and Social Awareness	Altruistic
EM-5. Manage timely patient evaluation, treatment, reexamination, and disposition.	B-2. The ability to competently perform a complete and organ system-specific examination including a mental health status examination	Physical Exam	Skillful
EM-6. Assess patient understanding about workup and treatment, admission or discharge, and when appropriate, follow up and return precautions.	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

EM-7. Demonstrate a high level of professionalism throughout the rotation when interacting with other healthcare providers and patients.	C-1. Honesty and integrity reflecting the standards of the profession, in interacting with colleagues, patients, families and professional organizations	Professionalism	Altruistic
EM-8. Demonstrate a caring bedside manner and provide clear explanations of the medical workup and treatments provided.	D-2. A commitment to patient care and to the well-being of patients and colleagues	Patient Care	Dutiful
EM-9. Practice the key elements of efficient and productive communication with consultants.	C-1. Honesty and integrity reflecting the standards of the profession, in interacting with colleagues, patients, families and professional organizations. B-6. The ability to function effectively within the context of complexity and uncertainty in medical care	Professionalism Patient Management	Altruistic Skillful
EM-10. Students will communicate and collaborate effectively, both orally and in writing, with patients, patients' families, colleagues, and interprofessional teams with whom physicians must exchange information in carrying out their responsibilities.	A-3. Knowledge of basic clinical skills required to meet the skills objectives, including interviewing, physical diagnosis, communication and clinical reasoning. C-1. Honesty and integrity reflecting the standards of the profession, in interacting with colleagues, patients, families and professional organizations.	Basic Clinical Skills Professionalism	Knowledgeable Altruistic

3. Course Resources

CANVAS COURSE ORGANIZATION

All assignments, quizzes, schedule and syllabus information will be located on the canvas course titled "630D and [current academic year]".

TEXTS AND READINGS: SUGGESTED

- <https://www.aliem.com>
- <https://cdemcurriculum.com>
- <https://lifeinthefastlane.com>
- <http://embasic.org> (podcast)
- <http://emedicine.medscape.com/>
- <https://www.nejm.org/case-studies-in-social-medicine>

TEXTS AND READINGS: SUPPORTING AND REVIEW

- "The Clinical Practice of Emergency Medicine," fourth edition, by Ann Harwood-Nuss et al.
- "Emergency Medicine, A Comprehensive Study Guide," fifth edition, by Judith E Tintinalli et al.
- "Clinical Procedures in Emergency Medicine," third edition, by Roberts & Hedges et al.

ADDITIONAL RESOURCES

- Board Review Questions: <https://www.emra.org/Resources/Board-Review-Questions/>
- Recommended Blogs and
- Podcasts: <https://www.emra.org/Resources/Recommended-Blogs-and-Podcasts>

4. Major Exams, Assignments and Grading

MANDATORY SESSIONS

Educational Activity	Location
Residency Conference	Varies
Didactics	Varies
SIM Sessions	Sim Center
Clinical Shifts	Orange, CA

MAJOR ASSIGNMENTS AND EXAMS

More details are listed on canvas. Generally, students complete the following assignments:

- Reading and quiz assignments,

- Observed History and Physical form submission
- Social Determinants of Health Reflection Essay
- Optional Honors Assignment

GRADING

CLINICAL PERFORMANCE

Your clinical performance will include input from your assigned faculty members. They use a standardized feedback format that assesses for knowledge, skills, and interpersonal interactions. They will provide written feedback on this form.

ATTENDANCE

Your attendance is tracked through your end-of-shift surveys which you complete at the end of every shift after receiving verbal feedback from your attending.

EVALUATIONS

The Faculty Evaluations will be filled out by your attending at the end of every shift.

Medical Students are graded using the following scale: Honors (H), Pass (P), Fail (F) and Incomplete (I). on the standard UCI student evaluation form. 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 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

To receive a grade of Pass, students must:

- Demonstrate successful performance in:
 - Clinical knowledge
 - Patient care
 - Practice-based learning
 - Interpersonal skills with colleagues, staff, patients, and families
 - Communications skills with colleagues, staff, patients, and families
 - Professionalism
 - Systems based practice
- Complete all assignments

- Attend all shifts and mandatory sessions

Requirements for “Honors”:

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

- Demonstrate exceptional performance in the above categories
- Complete honors assignment

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

An incomplete grade will be assigned if (1) any of the 15 required clinical shifts are not completed, (2) attendance at all mandatory sessions is not met, or (3) all required assignments are not 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.*