

Emergency Medicine (EMMD)

Course information contained within the Bulletin is accurate at the time of publication in June 2025 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

EMMD M175. Introduction to Clinical Reasoning. 0 Credit Hours.

This elective will allow students to practice their clinical reasoning skills by working through difficult cases gathered from the instructors' clinical experience as well as cases from popular TV shows and other types of media. We will go through the process of building a differential diagnosis and practice using online resources to find the answer to difficult questions. Special emphasis will be put on Emergency and Critical Care cases, but we will also discuss different clinical reasoning strategies for a variety of clinical situations. During this course, we will also be working together to solve real patient cases through CrowdMed, an online database for unsolved medical mysteries. This website allows patients with unsolved medical problems to present their own cases and ask for help from the medical community. You will become a "Medical Detective" and submit possible diagnoses to help patients get answers about their medical problems that have stumped their own physicians. We will break students up into teams, each led by one of the resident facilitators, to see who can help the most patients by solving their cases!

Repeatability: This course may be repeated for additional credit.

EMMD M190. Introduction to Emergency Medicine. 0 Credit Hours.

This elective introduces preclinical students to the discipline of Emergency Medicine. The curriculum explores topics that are relevant to the day-to-day practice of emergency medicine, particularly topics that are not extensively covered in other Phase 1 courses. Workshops and skill sessions align with the topics covered in presented lectures.

Course Attributes: M5

Repeatability: This course may not be repeated for additional credits.

EMMD M191. Wilderness Medicine. 0 Credit Hours.

We would like to provide the opportunity at LKSOM for students to explore the field of Wilderness Medicine (WM) early in their medical education in the form of a structured elective. This elective is designed for 1st and 2nd year medical students, with a goal of providing an introduction to the field of WM and environmental medicine while gaining hands-on experience and exposure to skills required for expedition planning, rescue, and wilderness survival. We will create an interactive learning environment where students can learn and practice under the supervision of faculty with experience and training in WM. The Wilderness Medical Society, a CME-accredited resource for academic WM, offers course materials for student electives that we will utilize in the design of this elective.

Repeatability: This course may be repeated for additional credit.

EMMD M199. Point of Care Ultrasound. 0 Credit Hours.

This elective expands upon the fundamentals of point-of-care ultrasound covered in the Phase 1 curriculum. The format includes a brief initial lecture followed by hands-on ultrasound training. Voluntary readings and additional supplemental material will be made available to students in class and online.

Repeatability: This course may be repeated for additional credit.

EMMD M402. Emergency Medical Services. 0 Credit Hours.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

EMMD M403. Emergency Medicine. 0 Credit Hours.

Emergency Medicine is a 4-week required course during which students evaluate and manage undifferentiated patients presenting to the emergency department. Students will care for patients presenting with a wide variety of acute and chronic clinical conditions. Throughout this course, students care for patients in the emergency room under the direct supervision of emergency medicine faculty. Students participate in the initial evaluation, diagnostic workup, and management of emergency department cases. There is an NBME exam at the end of the rotation.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

EMMD M404. Advanced Emergency Medicine. 0 Credit Hours.

This Emergency Medicine (EM) clinical elective is for Phase 3 students who have completed the required EM course. Students evaluate and manage the undifferentiated and acutely ill patients who present to the emergency department (ED). Alongside faculty, they take primary responsibility for their patients. They will be expected to perform a focused history and physical exam, develop a differential diagnosis, and create/implement a treatment plan. They will assist in procedures, consultations, and the disposition of their patients. The students are also introduced to the various fellowship opportunities in the field of Emergency Medicine.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of P in EMMD M403.

EMMD M413. Emergency Medicine Health Equity Elective. 0 Credit Hours.

Students will build their skills, experience and understanding of issues related to health equity and their manifestations in the emergency department. Students will explore social and structural determinants of health, health disparities, and the various levels of intervention to address them. They will acquire new vocabulary to describe the challenges faced by historically marginalized communities. Students will spend clinical time in the emergency department with a focus on how issues of health equity impact patient care. They will also spend time in alternate care settings, including the addiction medicine service, the Begin the Turn mobile unit, and at local community organizations to better understand the role of various stakeholders invested in addressing the challenges and opportunities in North Philadelphia. Students will attend didactic and interactive presentations given by Temple emergency medicine residents and faculty on social emergency medicine topics, and complete asynchronous work and an independent presentation on a related topic of their choice.

Course Attributes: SI

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of P in EMMD M403.

EMMD M424. Bedside Ultrasonography. 0 Credit Hours.

This Emergency Medicine clinical elective provides students with the opportunity to perform emergency medicine bedside ultrasound studies while on duty in the Emergency Department. Students will participate in or perform ultrasounds to aid in the diagnosis of common presentations such as hemoperitoneum, gallstones, hydronephrosis, live intrauterine pregnancy, abdominal aortic aneurysm, and/or pericardial effusion/tamponade.

Course Attributes: M2

Repeatability: This course may not be repeated for additional credits.

EMMD M433. Medical Toxicology. 0 Credit Hours.

This clinical elective provides students with the opportunity to participate in network medical toxicology consultation and inpatient medical detoxification. The consultation occurs at multiple hospitals and also utilizes telemedicine to address toxicological concerns. These include overdoses and exposures to chemicals and household, environmental, or occupational hazards. Inpatient experience will include management of acute withdrawal states, primarily associated with ethanol, other GABA agonists, and opioids.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.