

# Emergency Medicine (EMMD)

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**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. Intro to Emergency Medicine. 0 Credit Hours.**

**Course Attributes:** M5

**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.**

Point of Care Ultrasound has become an indispensable skill in the evaluation and treatment of patients across the broad spectrum of medicine. Its utilization allows for timely diagnoses, as well as safe and effective treatment. This elective will introduce the fundamentals of ultrasound and the basics scans over seven sessions throughout the semester. The format will include an initial lecture followed by hands-on ultrasound training in the simulation lab.

**Repeatability:** This course may be repeated for additional credit.

**EMMD M401. Emergency Medicine Teaching Elective. 0 Credit Hours.**

Students will help with the summer work-study students. They will be involved with organizing their schedules, assisting them in the ED, developing cases, giving lectures. This will enhance their teaching abilities, as well as their communication skills in working with other students and healthcare workers.

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

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

**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.**

**Course Attributes:** M2

**EMMD M424. Bedside Ultrasonography. 0 Credit Hours.**

**Course Attributes:** M2

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

**EMMD M433. Medical Toxicology. 0 Credit Hours.**

Rotation may be two or four weeks, depending on rotator preference and residency requirement. Vacations may not be taken during two-week rotations. All rotators to be available M-F 8a-5p to see all patients with attending at bedside or via telemedicine. At least two additional calls per week 5p-9p and one full weekend day per rotation. Bedside consultations occur only at Bethlehem, Anderson, Allentown, and Warren. Rotators will be conferenced into calls with toxicologist when on call. Telemedicine is available at the toxicologist's discretion for any campus and rotator will be expected to have Microsoft Teams app downloaded to computer or phone in order to participate. Consultation notes to be written by resident on Bethlehem and Allentown patients seen at the bedside using template: toxadultconsult.

**Repeatability:** This course may be repeated for additional credit.