

EMERGENCY MEDICINE - MD (EMED)

EMED 740: Emergency Medicine Ultrasound

5 Credits/Maximum of 5

This course provides hands-on exposure to bedside ultrasound image acquisition and interpretation in the Emergency Department.

Prerequisite: successful completion of Year III and must have previously taken an Emergency Medicine elective or AI.

EMED 745: Pediatric Emergency Medicine Elective

5 Credits/Maximum of 5

This course is designed to provide a Pediatric Emergency Medicine Experience for students interested in the acute care of children and is designed to expose the students to the broad range of conditions that present to a Pediatric Emergency Department.

Prerequisite: third year clerkships in Pediatrics and at least two other core third year clerkships

EMED 752: Emergency Medicine Acting Internship

6 Credits/Maximum of 6

This acting internship (AI) overall seeks to build on the foundations of clinical care laid in the preclinical and clerkship curricula. The acting intern will function with direct and indirect supervision and will act as the primary caregiver to a number of patients appropriate for their level of training. They will gather focused patient information during the history and physical exam in a time effective manner and use critical thinking and advanced knowledge to guide judgement and medical decision making in a semi-autonomous fashion. Students will take primary responsibility and be accountable for patient care, management, follow up, and reassessment throughout all phases of clinical care from arrival to discharge. Students will perform order entry and documentation on their patients to a sufficient degree to become independently competent in these skills. The AI student will be expected to exemplify professional behavior, communication, and teamwork with patients and families, inter-professional care team members and interdisciplinary consultants at the level of a resident intern. Prioritization and timely coordination of patient care activities will be the responsibility of the AI student, including smooth and effective transfers of care, discharge planning, and necessary follow up. The AI student will also display appropriate team leadership during teaching activities when applicable. During this specific AI Course, students will be immersed within the specialty of Emergency Medicine and will use advanced medical knowledge and practice during direct patient care in a collaborative and inter-professional manner.

Prerequisite: successful completion of all third year core clerkships

EMED 753: Preparation for Internship in Emergency Medicine Elective

2 Credits

This 2-week 4th year elective is designed specifically for students transitioning into their Emergency Medicine internship. In order to better prepare our students here at Penn State COM to meet the ACGME level-1 Emergency Medicine milestones, we will introduce and/or refresh the following sub competencies important to new emergency

medicine residents: Recognize common emergency presentations and form a decision making framework, demonstrate basic suturing and splinting techniques, the basics of reading radiographs and point of care ultrasound, appraisal of the literature, and advanced communication skills, such as hand-offs, consults, and triage. The course content will be delivered in three forms: formal didactic lectures, case-based learning, and simulation exercises for hands-on experience. Simulation exercises include assessment and management of shock, airway management, common pediatric emergencies, point of care ultrasonography, and a skills workshop involving suturing and splinting. Students will complete a pre and post course assessment survey to gauge their desired/needed learning experiences and their feedback on the course.

EMED 754: Toxicology Elective

5 Credits

Toxicology admissions and consults; weekly two-hour conferences; poison center sign-out rounds; exposure to the most common toxicologic poisonings; research opportunities.

Prerequisite: completion of third year of medical school

EMED 756: Emergency Medicine Elective for Third Year Students

2.5 Credits

Introduction for the 3rd year medical student to various aspects of Emergency Medicine.

Prerequisite: completion of the second year of medical school

EMED 796: Emergency Medicine Independent Studies

5 Credits/Maximum of 5

Emergency Medicine Independent Studies

Prerequisite: Successful completion of all 3rd year clerkships

EMED 797: Emergency Medicine Special Topics

5 Credits/Maximum of 5

Emergency Medicine Special Topics

Prerequisite: Successful completion of all third year clerkships