

EMERGENCY MEDICINE (EMED)

Courses

EMED 3005. Emergency Medicine Clerkship. 4 Credit Hours.

This four week core clerkship introduces the 3rd year medical students to the specialty of emergency medicine and reviews principles of emergency care that will benefit a graduate entering any specialty.

EMED 4002. Topics in Emergency Medicine. 2 Credit Hours.

This elective will allow students to create, implement, and/or complete special clinical, research and/or educational projects in the specialty of Emergency Medicine. Specific learning objectives will be written and tailored to the project by the supervising faculty member with approval by the course director prior to the start of the elective.

EMED 4005. Emergency Medicine Selective. 4 Credit Hours.

This sub-internship is designed to prepare students for the intense and responsible role of the intern. The sub-intern is an integral member of the team and will participate in all team activities and medical care for his/her patients, under the supervision of the Emergency Medicine attending. IN addition to working clinical shifts, students are expected to participate in didactic sessions and perform ambulance ride-alongs to successfully complete the course. This course is an outpatient selective. Prerequisite: EMED 3005.

EMED 4051. Emergency Ultrasound. 4 Credit Hours.

Senior (4th year) medical students will be instructed in the basic use of ultrasound equipment and its application in the emergency department. Topics to be covered during this elective include ultrasound equipment and knobology, basic ultrasound physics, ultrasound-guided vascular access(peripheral, central, arterial), Extended Focused Assessment with Sonography for Trauma (E-Fast), aortic ultrasound, pelvic ultrasound, biliary ultrasound, bedside echocardiography, musculoskeletal ultrasound, deep venous thrombosis evaluation, ocular ultrasound, ultrasound guided regional anesthesia, thoracic ultrasound, renal and bladder ultrasound, ultrasound-guided procedures. This training will be accomplished with a combination of didactic lectures, extensive supervised bedside ultrasound training on emergency department patients, independent student ultrasound scanning sessions, required textbook reading, weekly video review sessions and weekly literature review. Each student will be required to complete a minimum of 100 complete ultrasound examinations covering the scope of the course material. This elective is designed to provide a base knowledge in emergency ultrasound for students interested in pursuing an emergency medicine residency.

EMED 4076. Emergency Medicine Rotation - Brooke Army Medical Center. 4 Credit Hours.

BAMC is a Level 1 Trauma Center seeing approximately 50,000 patients per year. All patient types are seen: trauma victims, complicated medical patients, children, OB/GYN patients and psychiatric patients. There is no "compartmentalization" of the Emergency Department. Students work on average of 5 eight-hour shifts per week with a mixture of days, evenings, nights and weekends. Students work one-on-one with staff physicians or senior emergency medicine residents. There are five hours of Grand Rounds per week. There is Morning Report every Monday, Tuesday, Wednesday and Thursday. Each student has the opportunity to participate in a procedure lab, DPL, chest tubes, thoracotomy, transvenous pacing and cricothyroidotomy. This rotation must be arranged through Vanessa Soto, even if you are a HPSP student. No late Drops will be accepted.

EMED 7000. Off Campus Rotation In Emergency Medicine. 4 Credit Hours.

All off campus rotations must be approved by the designated faculty member prior to the beginning of the rotation (at least one week before the course begins). Credit will not be given for any rotation that has not been approved in advance. Required paperwork includes: "Course Approval" form, a written letter or email of acceptance from the physical preceptor with the start and ending dates of the course/rotation, and a course description of your learning objectives and responsibilities during the rotation. Forms must include a complete address and telephone number for the off campus location or residence address for the student while at the off campus site. Forms will not be approved after the rotation has already begun.