

EMERGENCY MEDICINE (EM)

EM 0302 - Emergency Medicine Career Exploration

Credit(s): 1-2 Credits (Repeatable for credit)

This course may be used to register for Emergency Medicine career exploration.

EM 0303 - Emergency Medicine self-designed Career Exploration

Credit(s): 1-2 Credits (Repeatable for credit)

EM 0304 - Introduction to Emergency Medicine

Credit(s): 2-12 Credits (Repeatable for credit)

This course will provide an introduction to and experience with the discipline of Emergency Medicine. Students will perform patient care under the supervision of attending and resident physicians in the context of the Emergency Department. They will work eight shifts in a variety of days, nights, and weekends. They will participate in initial evaluation, management, and disposition of a wide range of emergency conditions, and will learn procedural skills relevant to that management. We will try to honor 1 request for a day off, based on priorities. One or more of your shifts may be at one of our community hospital partners. You will be required to participate in didactics, classroom, simulation and online learning materials as scheduled. You are welcome to participate in journal club and other activities that the division may be involved in, but these are not required. This course will also: Provide clinical experience in multiple emergency conditions and in the differentiation of the clinically stable from the clinically unstable patient. Give insight into the field of Emergency Medicine as a career. Broaden the knowledge base of participants regarding the role of the Emergency Department, EMS systems, and the Emergency provider in modern medicine.

EM 0305 - Emergency Medicine Career Exploration - St. Mary's Hospital

Credit(s): 1-4 Credits

EM 0410 - Emergency Medicine

Credit(s): 1-12 Credits

Please note: Students should have taken Internal Medicine and/or Surgery clerkships prior to taking this course. This elective will provide Emergency Medicine exposure with primary patient care experience under supervision. Students will have a varied clinical schedule that covers a variety of days, nights, and weekends, totaling 96-120 hours in three weeks. We will try to honor two requested days off, based on priorities, but no more than two. One or more of the student's shifts may be at one of our other community hospital partners. They will participate in procedural techniques as well as in the initial evaluation and treatment of a wide range of emergency conditions. They will also have an opportunity to participate in an optional EMS observational shift. This course is also designed: To provide clinical patient contact with exposure to a wide range of emergency conditions and procedural techniques in a variety of settings. To broaden the students' knowledge of emergency medical services (EMS)/pre-hospital care and the role that EMS plays in the practice of Emergency Medicine. (See provided EMS ride along description in the Orientation Manual).

EM 0411 - Emergency Medicine Ultrasound and Clinical Decision-Making

Credit(s): 2-12 Credits

Point-of-care clinical ultrasonography is an important diagnostic tool in the evaluation of patients presenting to the emergency department and in critically ill patients. This course is intended to provide an introduction to point-of-care clinical ultrasound. The course will be two to four weeks in duration. In this course, you will learn how to use the ultrasound to evaluate both medical and trauma patients. You will be introduced to the basic function of the ultrasound machine, proper probe & test selection, basic ultrasound physics, proper ultrasound exam performance, and interpretation of imaging results in the clinical context. This course will set a foundation for further developing your clinical decision making skills with reinforcement of core clinical concepts.

EM 0413 - Emergency Electrocardiography

Credit(s): 2-12 Credits

Students will learn the application of and interpretation of electrocardiograms in Emergency Medicine by learning a systematic approach to analysis with appropriate clinical correlation. The students will have four 1 hour-long lectures and assigned readings. The course will review the basic fundamental principals of electrocardiography. Furthermore, students will demonstrate the ability to obtain 50 electrocardiograms from emergency department patients, as well as the ability to place patients on continuous electrocardiography. Students will have to complete a 50-question pre and post test, in addition, based upon assigned reading assignments.

EM 0414 - Wilderness Medicine

Credit(s): 2-12 Credits

EM 0901 - Emergency Medicine Direct Patient Care

Credit(s): 1-12 Credits (Repeatable for credit)

This course may be used to register for an Emergency Medicine elective. The elective experience must fulfill the requirements for a direct-patient care elective. The location of the experience may be at a SLU SOM affiliate or at another health care institution.

EM 0902 - Emergency Medicine Non-Direct Patient Care

Credit(s): 1-12 Credits (Repeatable for credit)

EM 0903 - Emergency Medicine Research

Credit(s): 1-12 Credits (Repeatable for credit)

This course may be used to register for an Emergency Medicine elective. The elective experience must fulfill the requirements for a research elective. The location of the experience may be at a SLU SOM affiliate or at another health care institution.

EM 0904 - Emergency Medicine Senior Inquiry

Credit(s): 1-12 Credits (Repeatable for credit)

EM 0905 - Emergency Medicine Teaching

Credit(s): 1-12 Credits (Repeatable for credit)