

# EMED - EMERGENCY MEDICINE

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## EMED 800 Emergency Medicine Clerkship

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

25 to 10. 4-weeks; appreciation of the role of emergency medicine within the health care system; acquiring basic life support skills, including the recognition of immediately life threatening conditions and appropriate interventions; diagnoses and treatment of common acute problems; development skills to assess the undifferentiated patient, including the performance of a focused history and physical and the development of an appropriate differential diagnosis.

**Prerequisite:** Satisfactory completion of year three of the medical curriculum.

## EMED 801 Emergency Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The practice of emergency medicine entails the rapid assessment and stabilization of patients presenting with acute injuries and illnesses as well as those with exacerbations of many chronic illnesses. At the completion of this rotation, students will: Better appreciate the role of emergency medicine within the healthcare system, acquire basic life support skills, including the recognition of immediately life-threatening conditions and appropriate interventions, diagnose and treat common acute problems, develop skills to assess the undifferentiated patient, including the performance of a focused history and physical and the development of an appropriate differential diagnosis.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## EMED 802 Emergency Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The practice of emergency medicine entails the rapid assessment and stabilization of patients presenting with acute injuries and illnesses as well as those with exacerbations of many chronic illnesses. At the completion of this rotation, students will: Better appreciate the role of emergency medicine within the healthcare system, acquire basic life support skills, including the recognition of immediately life-threatening conditions and appropriate interventions, diagnose and treat common acute problems, develop skills to assess the undifferentiated patient, including the performance of a focused history and physical and the development of an appropriate differential diagnosis.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## EMED 804 Emergency Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The practice of emergency medicine entails the rapid assessment and stabilization of patients presenting with acute injuries and illnesses as well as those with exacerbations of many chronic illnesses. At the completion of this rotation, students will: Better appreciate the role of emergency medicine within the healthcare system, acquire basic life support skills, including the recognition of immediately life-threatening conditions and appropriate interventions, diagnose and treat common acute problems, develop skills to assess the undifferentiated patient, including the performance of a focused history and physical and the development of an appropriate differential diagnosis.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## EMED 805 Prehospital Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

This 2- to 4-week elective will provide the student the opportunity to experience that will improve the student's understanding of EMS systems and operations; student's understanding of the training, capability and clinical practice of EMS personnel and EMS medical directors. Prepare the future physician for a role as part of the EMS system.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## EMED 806 Emergency Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The practice of emergency medicine entails the rapid assessment and stabilization of patients presenting with acute injuries and illnesses as well as those with exacerbations of many chronic illnesses. At the completion of this rotation, students will: Better appreciate the role of emergency medicine within the healthcare system, acquire basic life support skills, including the recognition of immediately life-threatening conditions and appropriate interventions, diagnose and treat common acute problems, develop skills to assess the undifferentiated patient, including the performance of a focused history and physical and the development of an appropriate differential diagnosis.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## EMED 807 Toxicology

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

This 2- to 4-week elective will provide the student the opportunity to experience the initial clinical management of a patient with an acute poisoning. This elective will increase the student's familiarity and knowledge of clinical signs and symptoms of the major toxidromes. Students will also utilize the poison center in the management and use the clinical laboratory and radiography, decontamination, the use of antidotes, hemodialysis, and resuscitation algorithms.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

## EMED 808 Emergency Medicine

**Credits 1.25 to 10. 1.25 to 10 Other Hours.**

The practice of emergency medicine entails the rapid assessment and stabilization of patients presenting with acute injuries and illnesses as well as those with exacerbations of many chronic illnesses. At the completion of this rotation, students will: Better appreciate the role of emergency medicine within the healthcare system, acquire basic life support skills, including the recognition of immediately life-threatening conditions and appropriate interventions, diagnose and treat common acute problems, develop skills to assess the undifferentiated patient, including the performance of a focused history and physical and the development of an appropriate differential diagnosis.

**Prerequisite:** Satisfactory completion of year three of the medical school curriculum.

**EMED 809 Emergency Ultrasound**

**Credits 1.25 to 6.3. 1.25 to 6.3 Other Hours.**

The use of bedside ultrasound has become standard of care in the practice of emergency medicine. Focused bedside emergency ultrasound is used for diagnostic purposes as well as to assist with various procedures including but not limited to central line placement, fracture reductions, and incision and drainage. This elective will provide students with an introduction and basic understanding of ultrasound physics, knobology, ability to acquire appropriate ultrasound images, interpretation of those ultrasound images, and limitations of bedside ultrasound. They will be expected to demonstrate 4th year medical student. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** 4th year status.

**EMED 810 Longitudinal Bedside Ultrasound**

**Credits 1 to 15. 1 to 15 Other Hours.**

Consideration of bedside ultrasound, described as the new stethoscope, as core clinical skill in numerous specialties; augment understanding of anatomy, physiology and pathology by learning introductory bedside ultrasounds skills in a longitudinal fashion during the third and fourth years of medical school.

**Prerequisite:** Admission to medical school.

**EMED 817 Pediatric Emergency Medicine**

**Credits 0 to 10. 0 Lecture Hours. 0 to 10 Other Hours.**

Exposure to a variety of urgent and emergent medical and surgical conditions in the pediatric population; evaluation and management of patients from newborns to seventeen-year-old. Must be taken on a satisfactory/unsatisfactory basis.

**Prerequisite:** Doctor of Medicine classification.

**EMED 985 Off Campus Student Initiated Elective**

**Credits 1.25 to 12. 1.25 to 12 Other Hours.**

Formally described elective courses at another medical school or off-campus opportunities that are not formally approved electives. The College of Medicine requires that each of these electives be approved prior to the rotation.

**EMED 999 On Campus Student Initiated Elective**

**Credits 1.25 to 12. 1.25 to 12 Other Hours.**

This is an on-campus opportunity in the department of Emergency Medicine in the College of Medicine that is not defined herein. Experiences may include clinical research, basic science research, library research, other basic science activities, and other clinical activities. Students interested in developing an elective of this type should contact the head of the appropriate department for additional details.