

Course Description	<p>To provide non-BSOM students an immersive experience in Emergency Medicine. This course is designed for a student interested in pursuing emergency medicine as a career. It includes primary exposure to the broad spectrum of acute care, medical/surgical emergencies as well as the resuscitation of critically ill/injured patients.</p>
Course Objectives	<p>Patient Care: Students are given primary responsibility for patient care, under direct faculty supervision. They will learn to function independently and will be the primary care givers for their patients. This will foster the students' ability to think critically, assess their knowledge and procedural skills, as well as allow them to make clinical decisions affecting patient care.</p> <p><i>Learning Objectives:</i></p> <ul style="list-style-type: none"> - Understand and demonstrate effective care of the emergency medicine patient including performance of an accurate H&P and development of an appropriate evaluation and treatment plan. - Demonstrate proficiency of common ED procedures and describe the associated indications, contraindications, and complications. <p>Medical Knowledge: Students are expected to develop a differential diagnosis that is prioritized on potential life-threatening conditions and likelihood of disease. Students will demonstrate knowledge of basic diagnostic modalities as well as interpretation of laboratory and radiographic results. Most importantly, students will cultivate an appreciation of the risk stratification for selected conditions.</p> <p><i>Learning Objectives:</i></p> <ul style="list-style-type: none"> - Understand and apply appropriate knowledge of Emergency Medicine to patient care. - Demonstrate the ability to obtain important information and data for an undifferentiated patient and develop a hierarchy of differential diagnoses with emphasis on worst-case diagnosis. <p>Practice-based Learning and Improvement: Students will improve their practice of medicine through systematically evaluating patient care and population features; teaching other students and health care professionals; and applying knowledge gained from a systematic evaluation of the medical literature, including outcomes, study design and statistical methodology.</p> <p><i>Learning Objectives:</i></p> <ul style="list-style-type: none"> - Demonstrate effective use of available information technology to optimize patient care, patient management problems and improve their knowledge base.



	<p>Interpersonal and Communication Skills: Students will learn that effective communication with patients and other members of the health care team is essential for optimal patient care. Students must be proficient in interpersonal and communication skills that result in effective information exchange and interaction with patients, family members, other medical providers, as well as other members of the health care team.</p> <p><i>Learning Objectives:</i></p> <ul style="list-style-type: none"> - Demonstrate humanistic qualities appropriate for a physician-in-training and work as a member of the health care team. - Demonstrate the ability to effectively present a patient encounter in a complete, concise, and orderly fashion. - Provide accurate and organized documentation in the medical record when appropriate. <p>Professionalism: Students will learn professionalism is a virtue and not simply an expected set of behaviors. Students will learn to reflect on their professionalism during their clinical rotation.</p> <p><i>Learning Objectives:</i></p> <ul style="list-style-type: none"> - Demonstrate professionalism at all times including sensitivity to cultural issues. - Demonstrate a good work ethic including being on time, taking responsibility for patient care, reevaluation, and disposition. - Demonstrate ethical medical decision-making <p>System-based Practice: Students will learn how EM relates to other specialties, at risk patients and society at large. They will gain a better appreciation EM's role in the health care system. Including consideration of the cost of medical care, allocation of health care resources, assisting patients in navigating the complexities of the healthcare system (e.g. as assuring appropriate follow-up, advocating for patient care) and how to partner with other providers to assess, coordinate, and improve patient care.</p> <p><i>Learning Objectives:</i></p> <ul style="list-style-type: none"> - Make clinical care decisions that apply knowledge of the role of the ED in the hospital and greater community including understanding access to care, appropriate consultations and referrals for follow-up care.
Course Activities	<ol style="list-style-type: none"> 1. Students will spend a 4-week clinical rotation in the ECU/Vidant Medical Center Department of Emergency Medicine. They will have primary responsibility of evaluating and caring for ED patients under the supervision of an ECU Emergency Medicine Physician or a Senior ECU Emergency Medicine Resident. 2. Students will participate in weekly resident conferences as well as simulated patient encounters in the ECU simulation lab



	<p>3. Students will present one or more evidence-based power point presentation(s).</p> <p>4. Students will do one patient follow-up project using the medical literature to evaluate the care of the patient in the emergency department</p> <p>Problems/Chief complaints most commonly evaluated by students include: Chest pain, Shortness of breath, Abdominal Pain, Pediatric Fever, Trauma, Shock, Altered Mental Status, GI Bleeding, Headache, Seizure, Basic Toxicology, Burns, and Orthopedic Emergencies</p>
Course Schedule Requirements	There are no on-call requirements for this rotation.

Duration	4 weeks	Location	Vidant Medical Center
Designation	Visiting Student Course	Revised	05.07.2019