

EMERGENCY MEDICINE (EMERG MED)

EMERG MED 130.01 CIEEx - Emergency Medicine (3 Units)

Instructor(s): Aaron Harries, Marianne Juarez
Prerequisite(s): None

Restrictions: Medical Students in Foundations 2

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. Students rotate in the UCSF and ZSFG emergency departments evaluating and managing patients with undifferentiated complaints. Students practice procedural skills and learn to recognize, resuscitate and stabilize acutely ill patients.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 130.02A CIEEx - Emergency Medicine - KLIC-East Bay (3 Units)

Instructor(s): Tal Ziv
Prerequisite(s): None

Restrictions: Medical Students in Foundations 2

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. Students participating in the UCSF-Kaiser Longitudinal Integrated clerkship program will participate in an immersive elective in emergency medicine.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 130.02B CIEEx - Emergency Medicine - KLIC-SF (3 Units)

Instructor(s): Brian Lin
Prerequisite(s): KLIC San Francisco students.

Restrictions: Medical students in Foundations 2.

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. Students participating in the UCSF-Kaiser Longitudinal Integrated clerkship program will participate in an immersive elective in emergency medicine.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 130.03 CIEEx - Emergency Medicine/Acute Care - PISCES (3 Units)

Instructor(s): Joseph Sullivan
Prerequisite(s): PISCES students

Restrictions: Foundations 2 Students

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. The Emergency Medicine/Acute Care elective provides PISCES students exposure to patients with acute medical issues. Students spend 10 shifts in the Emergency Department and 5 additional half-days at the Screening and Acute Care Clinic.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 130.05 CIEEx - Emergency Medicine at Highland Hospital (3 Units)

Instructor(s): Nana Yaa Misa

Prerequisite(s): Medicine 110 Clerkship

Restrictions: 3rd year students in good academic standing

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. This rotation will expose students interested in Emergency Medicine to a high-acuity, fast-paced environment in a county trauma and cardiac arrest receiving center. Students will be supported in performing initial assessments all patients.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 130.16 CIEEx - Ultrasound Emergency Medicine - Fresno (1.5 Units)

Instructor(s): Carolyn Chooljian

Prerequisite(s): n/a

Restrictions: 1 student to rotate at a time and when R1 are rotating on service.

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. Students will spend two weeks on the bedside ultrasound experience in the emergency department focused on emergency medicine indications. The student will work with an R1 emergency medicine resident and supervising faculty.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? Yes

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 130.29 CIEEx - Emergency Medicine Apprenticeship - Fresno (0 Units)

Instructor(s): Jessie Werner, Courtenay Pettigrew

Prerequisite(s): All UCSF students must contact Linda Alvarez for enrollment (Armelinda.Alvarez@ucsf.edu) to initiate CIEEx process at Fresno.

Restrictions: None

Students interested in exploring Emergency Medicine in a community/ academic center hybrid will be assigned to 2-3 faculty, fellows or chief residents to learn the day-to-day nuances of an emergency physician's workflow. Each student will have opportunities to evaluate undifferentiated patients with a variety of standard complaints (chest pain, abdominal pain, shortness of breath, etc.) and develop treatment plans. Each student will discuss and reason the case through with his/her mentor.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.01 Emergency Medicine Clerkship (6 Units)

Instructor(s): Aaron Harries, Marianne Juarez

Prerequisite(s): Completion of clinical rotation in Medicine, Pediatrics, OB-GYN, and Surgery.

Restrictions: Fourth-year medical students only. For rotations in months of May-Dec., preference will be given to those seeking a career in Emergency Medicine.

Students act as interns in the UCSF and ZSFG emergency departments where they evaluate and manage patients with undifferentiated emergencies/urgencies. Students practice procedural skills and learn to recognize, resuscitate, & stabilize critically ill patients. Students work clinical ED shifts in a level 1 trauma center, spend time w/ San Francisco Poison Control, & participate in weekly didactics.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? Yes

EMERG MED 140.02A Off-Campus Clerkship (6 Units)*Instructor(s):* Aaron Harries

Prerequisite(s): Completion of clinical rotations in Medicine, Pediatrics, OB-GYN and Surgery. Prerequisites can be waived at the discretion of the course director.

Restrictions: Fourth year medical students only.

Students participating in this clerkship will act as interns evaluating and managing patients with undifferentiated medical and surgical emergencies and urgencies. Students practice procedural skills, learn to recognize, resuscitate and stabilize seriously ill patients. EM faculty provide direct supervision and bedside teaching. Students work clinical shifts in the ED, attend didactic lectures & participate in other educational endeavors unique to the site as indicated by clerkship director.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? Yes

EMERG MED 140.02B Off-Campus Clerkship (6 Units)*Instructor(s):* Aaron Harries

Prerequisite(s): Completion of clinical rotations in Medicine, Pediatrics, OB-GYN and Surgery. Prerequisites can be waived at the discretion of the course director.

Restrictions: Fourth-year medical students only

Students participating in this clerkship will act as interns evaluating and managing patients with undifferentiated medical and surgical emergencies and urgencies. Students practice procedural skills, learn to recognize, resuscitate and stabilize seriously ill patients. EM faculty provide direct supervision and bedside teaching. Students work clinical shifts in the ED, attend didactic lectures & participate in other educational endeavors unique to the site as indicated by clerkship director.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? Yes

EMERG MED 140.11 Emergency Medical Services and Disaster Medicine (3 Units)*Instructor(s):* Jeremy Lacocque

Prerequisite(s): Completion of Medicine 110 and Surgery 110 or equivalent is required. Prior Emergency Medicine clerkship is highly recommended.

Restrictions: Third or fourth year medical student. Instructor approval one month prior to start of course required.

Students on the Emergency Medical Services (EMS) and Disaster Medicine Elective will be able to learn about pre-hospital care in San Francisco's busy urban EMS system. First-hand experiences with paramedics and dispatchers will teach students about critical patient management in the pre-hospital setting. Didactics will be focused on EMS structure, communication and disaster management topics. The student will be expected to design and complete a mentored EMS project during the rotation.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.30 Emergency Medicine Sub Internship - Fresno (6 Units)*Instructor(s):* Courtenay Pettigrew, Scott Reichelderfer

Prerequisite(s): Completion of clinical rotations in Medicine, Pediatrics, OB-GYN and Surgery. Prerequisites can be waived at the discretion of the course director.

Restrictions: Fourth year medical students only. Rotations in the months of May-Dec. Preference will be given to those seeking a career in Emergency Medicine.

This course provides an exciting opportunity to do a sub-internship at a busy Level One Trauma & Burn Center, acting as the primary provider for ill and injured patients presenting to the Emergency Department with a wide variety of complaints. Our population includes patients of all ages, many ethnic and cultural backgrounds, and those suffering from problems related to addiction, homelessness, and limited access to care. Students will encounter a wide variety of disease processes.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.31 Wilderness Medicine - Fresno (3 Units)

Instructor(s): Michelle Storkan

Prerequisite(s): None

Restrictions: 4th year Medical Students.

The course will cover major topics and practical experiences in wilderness medicine. Part of the course is lecture covering major topics important to wilderness medicine. The remainder is participation in related exercises, including backcountry wilderness medicine improvisation and experiences in search and rescue. Students must be prepared to cover some of the expenses related to backcountry activity, including camping equipment.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.32 EM Ultrasound at UCSF Fresno (6 Units)

Instructor(s): Carolyn Chooljian, Brian Chinnock

Prerequisite(s): 3rd or 4th year medical student in good standing and with the support of the School of Medicine. Preference will be given to students who have completed an emergency medicine clerkship.

Restrictions: 3rd or 4th year medical students.

The emergency medicine point of care ultrasound elective will introduce medical students to the fundamentals of bedside ultrasound. Students will have the opportunity to perform ultrasounds under the supervision of emergency physicians. Students will be expected to participate in didactic sessions and supplement their education by completing selected readings to become familiar with the six primary areas of emergency ultrasound-trauma, aorta, biliary, cardiac, pelvic and procedural applications.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.32A EM Ultrasound - Fresno (3 Units)

Instructor(s): Carolyn Chooljian, Brian Chinnock

Prerequisite(s): 3rd or 4th year medical student in good standing and with the support of the School of Medicine. Preference will be given to students who have completed an emergency medicine clerkship.

Restrictions: 3rd or 4th year medical students

The emergency medicine point of care ultrasound elective will introduce medical students to the fundamentals of bedside ultrasound. Students will have the opportunity to perform ultrasounds under the supervision of emergency physicians. Students will be expected to participate in didactic sessions and supplement their education by completing selected reading to become familiar with the six primary areas of emergency ultrasound-trauma, aorta, biliary, cardiac, pelvic and procedural applications

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.40 Emergency Medicine Clerkship - Highland Hospital - AHS (6 Units)

Instructor(s): Nana Yaa Misa

Prerequisite(s): Completion of clinical rotations in Medicine, Pediatrics, OB-GYN and Surgery. Prerequisites can be waived at the discretion of the course director.

Restrictions: Fourth year medical students only. Rotations in the months of May-Dec. Preference will be given to those seeking a career in Emergency Medicine.

Students evaluate medical, surgical, gynecologic and non-critical trauma patients under attending supervision. There are dedicated educational sessions for rotating medical students each week. Students are expected to attend weekly EM residency conference and monthly journal club and follow-up conference while on the rotation. Hands-on training is provided with such procedures as suturing, casting, splinting, ultrasound and airway management.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 140.41 CIEx - Emergency Medicine Intro - Highland Hospital - AHS (3 Units)

Instructor(s): Caitlin Bailey
Prerequisite(s): Third year standing.

Restrictions: Restricted to 3 UCSF third year medical students per 2 week block.

This introductory clerkship is a two-week elective that provides a broad overview to emergency medicine. Students will gain experience evaluating and treating the acutely ill patient in a busy county urban emergency department. Students will collect and interpret data, then demonstrate the ability to synthesize a plan through oral case presentation and discussion. This hands on rotation will expose the students to various emergency medicine procedures.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 140.42 Emergency Medicine Ultrasound - Highland Hospital - AHS (6 Units)

Instructor(s): Arun Nagdev
Prerequisite(s): Fourth year standing.

Restrictions: Restricted to 1 UCSF fourth year medical student per block.

Emergency Ultrasound offers the student an opportunity to integrate bedside ultrasound into their evaluation of the emergency department patient. Along with lectures, students will obtain practice in performing ultrasound exams on emergency department patients who are undergoing diagnostic evaluation. Also, students will get an opportunity to learn and utilize bedside ultrasound for procedural guidance.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 140.43 Clinical Toxicology & Pharmacology (6 Units)

Instructor(s): Craig Smollin, Zhanna Livshits
Prerequisite(s): Medicine 110 and Fourth-year standing

Restrictions: Fourth-year standing

In an interdisciplinary setting, students learn to assess and manage clinical problems associated with the toxic effects of drugs and poisons. Students participate in case discussion of poisonings and drug overdoses and perform follow-up telephone calls on hospitalized patients. The toxicology service also manages patients at the bedside at Zuckerberg San Francisco General hospital, and at UCSF Parnassus and Mission Bay campuses

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 140.44 Emergency Medicine Ultrasound (3-6 Units)

Instructor(s): Sally Graglia
Prerequisite(s): None

Restrictions: Restricted to 1 UCSF fourth year medical student per block. Preference to students interested in a career in Emergency Medicine.

This point-of-care ultrasound elective offers medical students the opportunity to build a solid foundation in emergency ultrasound. For various POCUS applications, students will learn appropriate indications, how to perform each study, interpret their findings, and integrate POCUS into clinical care. Students will perform supervised diagnostic ultrasound exams and procedures on patients in the ED. Students will participate in and attend didactic sessions and review recent medical literature.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? Yes
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 150.01 Research in Emergency Medicine (2-16 Units)

Instructor(s): Aaron Harries
Prerequisite(s): None.

Restrictions: None.

The goal of this course is to provide the student with a broad experience in emergency medicine clinical research. Students are encouraged to arrange an elective rotation with an EM faculty member to work on a research project of interest to them. The student will receive guidance and feedback on the project and the research process.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 170.10 Introduction to Emergency Medicine (1 Units)

Instructor(s): Rachel Chin
Prerequisite(s): None

Restrictions: Limited to School of Medicine and School of Nursing students

This is an elective designed to introduce 1st and 2nd year medical students and nursing students to a range of topics that are commonly encountered in Emergency Medicine. Topics presented will include toxicology, EMS, ultrasound, chest pain, and trauma. Students will also have the opportunity to shadow physicians in the ED at SFGH. This course is problem-oriented and will focus on how to think about the chief complaint.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 170.12 Disaster Medicine (1 Units)

Instructor(s): Aaron Harries
Prerequisite(s): None

Restrictions: Must be a student of the School of Medicine to enroll in this course.

This full day conference on Urban Disaster Preparedness will teach learners hands-on skills, systems-based approaches, and medical knowledge applicable to providing care during disaster situations. The morning will consist of five lectures from speakers representing Emergency Medicine programs across Northern California. After lunch, participants will split into break-out groups for three hands-on workshops. The day will end with a keynote lecture presented by faculty from SFGH.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 170.13 Point of Care Ultrasound Elective (1 Units)

Instructor(s): Sally Graglia
Prerequisite(s): None

Restrictions: Only 1st and 2nd year medical students

This course provides introductory training in clinician-performed, point-of-care ultrasound. Participants will learn the fundamentals of proper scanning technique and image acquisition, become familiar with normal anatomic structures, and be introduced to abnormal findings associated with specific disease states. The course relies heavily on peer-to-peer teaching and provides practical, hands-on training through live scanning of normal models.

School: Medicine
Department: Emergency Medicine
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

EMERG MED 170.14 Scrubs Addressing the Firearm Epidemic (SAFE) (1 Units)

Instructor(s): Jahan Fahimi

Prerequisite(s): None

Restrictions: None

This course will provide students an in-depth understanding of the multifaceted nature of the United States firearm epidemic and will build the skills for healthcare professionals to engage patients in discussions about firearms. Sessions will address the firearm epidemic from a wide range of disciplinary perspectives including: epidemiology and social context; patient centered care; ethical, legal and policy implications; anatomy and physiology of firearms; and health systems improvement.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

EMERG MED 198 Supervised Study (1-6 Units)

Instructor(s): Aaron Harries

Prerequisite(s): Consent of instructor.

Restrictions: None.

Library research and directed reading under supervision of a member of the faculty with the approval of the chairperson of the department.

School: Medicine

Department: Emergency Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? Yes

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? Yes