

# EMERGENCY MEDICINE (EMED)

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EMED 6620 - A Historical Survey of Pharmacology and Toxicology (1 Credit)

The objective of this course is to illustrate basic pharmacological and toxicological principles using case examples. The course will consist of a series of lectures that will use historical events to demonstrate basic toxicological and pharmacological principles and the clinical effects of poisons. For Phase II Medical Students only.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall.

EMED 6624 - Introduction to Wilderness Medicine (1 Credit)

A didactic course to review basics of wilderness and environmental medicine, including high altitude, hypothermia, frostbite, dive medicine, and expedition medicine PLUS a morning with Rocky Mountain Rescue in Boulder learning rescue techniques and skills.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall.

EMED 6626 - Pre-Hospital Medicine (1 Credit)

Min:10 Max:20. Enrollment restricted to (Emergency Medicine Interest Group) EMIG only. Students required to participate in 1 ten hour ride along shift with Denver Paramedic Division 911 ambulances, attend required Introductory lecture on pre-hospital medicine and submit 1 evaluation from ambulance ride.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring.

EMED 6627 - Introductions to Emergency Medicine and Trauma (1 Credit)

This rotation is designed for the senior medical student who may be applying to primary care or other specialties who wants to gain exposure to emergency medicine.

Grading Basis: Pass/Fail with IP

Typically Offered: Spring.

EMED 6628 - Critical Care Transport Med (1 Credit)

The student will attend one lecture to orient them to the basic principles critical care transport and flight medicine as well as an extended orientation to the helicopter at St. Anthony's. During their 12-hour day with Flight for Life they will be part of the team of providers to respond to scenes or to other facilities for the transportation of critical patients. At the end of the course there will be a wrap-up session where we will discuss their unique experiences and reflect on what they have learned. Prerequisite: EMED 6626 Pre-Hospital Medicine.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring.

EMED 6629 - Emergency Med Skills (1 Credit)

This course provides 48 hours of clinical work with an EMED attending physician with the purpose of exposing the student to the EMED environment and teaching procedural skills necessary for basic clinical care in preparation for an international experience. Restrictions: Approval by Course Director.

Grading Basis: Medical School

Typically Offered: Fall, Spring.

EMED 6630 - Emergency Medicine in South Africa (8 Credits)

This is a 6 week clinical experience, students work in the Emergency Department of a public hospital in Cape Town, South Africa and contribute to ongoing research projects done in conjunction with Stellenbosch University. Prerequisite: Successful completion of EMED 6629. Course Restrictions: Course Director Approval.

Grading Basis: Pass/Fail with IP

Typically Offered: Summer.

EMED 6631 - Wilderness Advanced First Aid (1 Credit)

Wilderness Advanced First Aid covers skills and applied knowledge to respond to medical emergencies in austere environments. In addition, it provides students an introduction and exposure to the art of teaching and instruction.

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 5.

Typically Offered: Spring.

EMED 8004 - Emergency Med Univ Hosp (4-8 Credits)

2-4 wks. Max:4. Students are primary caregivers in a level II trauma center with a variety of patients and individual teaching time with attendings and senior residents. An excellent experience for students seeking instruction in the assessment and management of the undifferentiated patient.

Grading Basis: Medical School

Typically Offered: Fall, Spring, Summer.

EMED 8005 - Emergency Medicine DHMC (8 Credits)

This rotation is designed for the senior medical student who may be applying to primary care or other specialties who wants to gain exposure to emergency medicine.

Grading Basis: Medical School

Typically Offered: Spring.

EMED 8006 - Advanced Emergency Medicine (8 Credits)

4 wks. Max:4. Student is primary caregiver for acutely ill/injured patients at DHMC Emergency Department, supervised by Emergency Medicine Staff. Daily lectures in traumatic/medical emergencies, conferences, "board rounds". Orientation, first day, 7:30 a.m. Admin Conf room.

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Summer.

EMED 8007 - Emergency Medicine Career Elective – Anschutz Campus (8 Credits)

Students will rotate through Emergency Departments at University Hospital and Children's Hospital Colorado to gain education through a broad range of Emergency Medicine experiences. This course complements and does not replace 8006 and is offered during the summer of 2020. Emergency Medicine-Bound Senior Medical Students, Course Director Approval.

Grading Basis: Medical School

Repeatable. Max Credits: 16.

Typically Offered: Summer.

EMED 8008 - Emergency Medicine Boot Camp (2-4 Credits)

Through workshops and simulation, career-bound Emergency Medicine students will gain confidence in the approach to, and management of critical illness. Students will acquire successful approaches to cross-cover situations, patient decision making capacity, application of technology and mental preparation in advance of internship. Requisite: Emergency Medicine Career Bound Senior Medical Students

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 4.

Typically Offered: Spring.

EMED 8010 - Climate Change and Medicine (4 Credits)

Climate change has profound impacts on health including food insecurity, degraded air quality, civil unrest, and changes in vector-borne disease.

This course explores the physiologic, ecologic and social interactions resulting in these impacts and provides a foundation in climate med and skills in science communication, policy and advocacy.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring.

EMED 8011 - Advanced EMED URM (8 Credits)

Purpose: Guide and support medical students from URM groups who have an interest in pursuing EM as a career. This is not a departmental course at DHMC and must be approved by Student Affairs.

Grading Basis: Medical School

Typically Offered: Fall, Summer.

EMED 8012 - Virtual EM DHREM (4 Credits)

An entirely virtual EM education experience for senior medical students pursuing EM as a career. Through virtual platforms and engaging interactive education sessions with our residents and EM faculty from Denver Health and the University of Colorado we will explore elements and themes that represent the essence of Emergency Medicine. Completion of major clinical year.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring, Summer.

EMED 8017 - Peds Emergency DHMC (4-8 Credits)

2 or 4 wks. Max: 2. Students will serve as the primary caregivers in the Denver Emergency Center for Children at Denver Health, a pediatric emergency department treating 30,000 children annually. Students will be fully integrated into the team, treating children with acute and urgent illnesses.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring, Summer.

EMED 8024 - Clinical Toxicology (8 Credits)

4 wks. Max:2. Provides an introduction to medical toxicology at the RMPCD. Student will participate in clinical service including telephone consultation, fundamentals of environmental toxicology, public health concerns, and occupational toxicology. Each student will make one presentation toward the end of their rotation.

Grading Basis: Medical School

Typically Offered: Fall, Spring, Summer.

EMED 8030 - Rural Emergency Medicine (4-8 Credits)

A continuation of the Emergency Care Clerkship, currently a two-week required component of Phase III study. This course is for students who seek more in-depth knowledge and additional clinical skills, relating to Emergency Care in the rural setting.

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 84.

Typically Offered: Fall, Spring, Summer.

EMED 8031 - Wilderness Medicine (4 Credits)

2 wks. Min:10/Max:25. Students will learn core wilderness medicine principles in small group and lecture-based formats then apply their knowledge to scenarios in wilderness settings. The course will spend the first week near Estes Park and the second week near Moab, UT.

Restrictions: Must be a 4th year student in good academic standing. Not available to externs. Variable fee. Course offered sections 47 and 48 only.

Grading Basis: Pass/Fail with IP

Typically Offered: Spring.

EMED 8050 - Emergency Medicine – Colorado Springs (4-8 Credits)

Students will work with Emergency Medicine clinical faculty seeing patients in Colorado Springs' community-based Emergency Dept. Student will be exposed to the full range of Emergency Medicine. Course offered all semesters except sections 9-13 in 4th year.

Grading Basis: Medical School

Typically Offered: Fall, Spring, Summer.

EMED 8100 - EMED Elective Away (4-8 Credits)

This Emergency Medicine elective will be held at a site in Colorado, another state, or internationally. Students must obtain departmental approval one month prior to the start. Additionally, international sites must be preapproved by Student Affairs. 2 or 4 weeks.

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Spring, Summer.

EMED 8600 - Research EMED (4-24 Credits)

Designed for students interested in Emergency Medicine research. Tailored research experiences in the Denver area can be established in a variety of settings. Speak with course director to design this elective. Offered 4, 8, or 12 weeks. Mex enroll: 4.

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.

EMED 8630 - EMED Research Away (4-8 Credits)

This Emergency Medicine research elective will be held at a site in Colorado, another state, or internationally. Students must obtain departmental approval one month prior to the start. Additionally, international sites must be preapproved by Student Affairs. 2 or 4 weeks.

Grading Basis: Pass/Fail with IP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.