EMERGENCY HEALTH SERVICES (EHS)

Explanation of Course Numbers

- Courses in the 1000s are primarily introductory undergraduate courses
- Those in the 2000-4000s are upper-division undergraduate courses that can also be taken for graduate credit with permission and additional work
- Those in the 6000s and 8000s are for master’s, doctoral, and professional-level students
- The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office

EHS 1002. CPR & First Aid. 1 Credit.
Development of the proper techniques of cardiopulmonary resuscitation and first aid. Nationally recognized certification provided.

EHS 1040. Emergncy Medical Tech-Basic. 3 Credits.
EMT–Basic knowledge and skills. Includes basic life support, patient assessment, bleeding control, bandaging and splinting. Successful completion makes student eligible to sit for National Registry certification exam.

EHS 1041. EMT - Basic Lab. 1 Credit.
Application and practice of EMT–Basic skills.

EHS 1044. EMT-Basic Recertification. 3 Credits.
Prepares students to recertify as a National Registry EMT–Basic. Includes an “EMT Refresher” class and continuing education program. Laboratory fee.

EHS 1058. EMT Instructor Development. 2 Credits.
Students develop and deliver didactic and skill instruction. Students participate in the day-to-day teaching and management in an EMT-Basic program.

EHS 2104. Legal Aspects/Emergency Mgmt. 3 Credits.
Legal issues in the delivery of emergency medical services, including abandonment, malpractice, negligence, patient consent, the Freedom of Information and Privacy Acts, the Good Samaritan law, protocol deviation, record keeping, patient refusal of services, and medical control. Emergency medicine legislation and recent court decisions. Prerequisite: HSci 2103.

EHS 2107. Theory&Prac ofRsch/ClinclSetng. 4 Credits.
Fundamentals of clinical research methods, design, and analysis related to emergency medicine.

EHS 2108. Emergncy Med Clinical Scribe. 3 Credits.
Fundamentals of emergency medicine clinical practice through documentation and management of clinical information. Students participate as members of an emergency medicine team and explore topics related to emergency health care, e.g., practical human anatomy, medical terminology, diagnosis, patient care, medical records, and practice management.

EHS 2109. Emerg.Infections&Bioterrorism. 3 Credits.
Principles of the epidemiology of outbreaks, the rise of emerging infectious diseases, and strategies for emergency preparedness from a national and international perspective that includes biosecurity.

EHS 2110. EmergDeptCritCareAsses&Proced.. 4 Credits.
Expansion of EMT–Basic knowledge and skills for independent performance as a hospital technician; emphasis on the Emergency Department and Intensive Care Units.

EHS 2160. Disastr Respnse Planng & Mgmt. 3 Credits.
Planning for and management of multiple-casualty incidents in the prehospital and hospital environment, including development of response plans, triage, medical evacuation procedures, communications, roles of government and the private sector, terrorism, and medical care for mass gatherings. Prerequisite: permission of program director.

EHS 2161. Medical Mgmt/Hasmat Incidents. 3 Credits.
Hazardous materials and their risks. Identification of hazardous materials and related problems, precautions in approaching the contaminated patient, protective clothing, decontamination, and management of selected hazards.

EHS 2162. Intro Princpls/Tactical Med. 4 Credits.
The basics of tactical emergency medicine, such as acute care in tactical combat situations and medical operations support of tactical teams.

EHS 2166. Current Topics. 1 Credit.
Review of the current literature to identify clinical, operational, educational, and administrative issues important in the leadership of EMS.

EHS 2174. Foundations of Emergency Health Services Systems. 3 Credits.
An overview of the design and operation of Emergency Health Services (EHS) systems, delivery of services, and the echelons of care. The history of Emergency Medical Services (EMS), the interface of public and private organizations and review of the various personnel who comprise these systems will be examined in relation to their impact on the health care delivery system.

EHS 2175. Community Risk Management and Safety in EHS. 3 Credits.
This course introduces the EHS professional to the benefits of community information and community relations. Students analyze strategies for introducing risk reduction programs and apply these concepts in the development of such programs.

EHS 2211. Intro to Telemedicine. 3 Credits.
An introduction to the ethical, legal, and technical aspects of telemedicine, including, but not limited to, emerging technologies, planning and operational considerations. Students will complete a number of practical exercises requiring direct application and utilization of Internet, video, audio, and other technologies.
EHS 4101. Humanitarian Relief Ops. 3 Credits.
An integrative approach to humanitarian relief operations, including factors that can influence relief delivery, field planning considerations, and the roles and limitations of non-governmental organizations, international organizations, local government, and various federal and civilian and military agencies. Emphasis on medical aspects of working with particular populations such as women, children, the elderly, and culturally underrepresented or persecuted population subsets.

EHS 4110. Operations Mgt in EHS Systems. 3 Credits.
This course applies principles of general management that contribute to the effectiveness of day to day operations within an Emergency Health Services Organization.

EHS 4111. Leadership Concepts in EHS. 3 Credits.
This course is designed to provide a basic introduction to leadership by focusing on what it means to be a good leader. Emphasis in the course is on the practice of leadership in the Emergency Health Services setting. The course will examine topics such as: the nature of leadership, recognizing leadership traits, developing leadership skills, creating a vision, setting the tone, listening to out-group members, handling conflict, overcoming obstacles, and addressing ethics in leadership. The course provides a special focus on facilitating students’ understanding of their own leadership vision.

EHS 4112. Special Ops and Disaster Mgt. 3 Credits.
This course is an introduction to Emergency Health Services (EHS) Special Operations. The student will develop and apply a general understanding of what constitutes special operations and resources needed to mitigate special operations incidents, both small and large, in the 21st century. The student will be able to evaluate local special operations incidents, major multi-agency operations, scheduled and unscheduled mass casualty events, terrorism and natural disaster.

EHS 4144. Seminar in EHS Leadership. 3 Credits.
A senior capstone course, integrating the theories and concepts covered in previous work, with a focus on the identification and resolution of problems and opportunities encountered by the health sciences manager. To be taken in the final semester of study or with the program director approval.

EHS 4197. Clinical Internship. 1-6 Credits.
EHS 4198. Administrative Internship. 1-12 Credits.
EHS 4199. Independent Study. 1-3 Credits.

EHS 6201. Response /High Impact Emergenc. 3 Credits.
Strategies for an effective response to large-scale and high-impact emergencies examined as the managerial foundation for development of a response policy.

EHS 6203. Legal&RegltryOblig/Emer Svcs. 3 Credits.
Laws, regulations, and standards pertaining to emergency services. Implications for organizational policy and response requirements for executives, managers, and supervisors.

EHS 6204. Publ Info Mgt fr Emergncy Svcs. 3 Credits.
Public information management for emergency services executives, managers, and supervisors.

EHS 6205. Strategic Emergency Response. 3 Credits.
Strategic analysis of counterterrorism response requirements for the emergency service organization. Determination of vulnerabilities and trends; development of operational doctrine.

EHS 6210. EMS Systems Design and Analysis. 3 Credits.
System design characteristics of high-performance EMS systems based on excellence in emergency care, response-time reliability, economic efficiency, and customer service from a strategic perspective.

EHS 6211. Innovations in Telemedicine. 3 Credits.
Consideration of telemedicine in a multidisciplinary format toward innovation and entrepreneurship in the fields of medicine, public health, engineering, and business.

EHS 6227. Intro to Human Health in Space. 3 Credits.
Introduction of aerospace concepts in an interdisciplinary context for those interested in human spaceflight. Elements of physiology, medicine, law, policy, engineering, and history are incorporated.

EHS 6274. Health Economics and Finance. 3 Credits.
Issues of health care economics, financial management, and budgeting that relate to managerial decision making. Applied financial management, management control systems, budgeting, staffing, and cost accounting. (Same as CML 6274).

EHS 6275. Ldrshp&Change/EmergSvcsMgt. 3 Credits.
The concept of leadership within the context of health professions, health systems, and health policy.