

EMERGENCY ADMIN/MGMT (EAM)

EAM 1003 Living in a Hazardous Environment

Overview of emergency management systems with analyses of the causes, characteristics, nature and effects of natural and technological hazards. Required for major.

EAM 1013 Aim and Scope of Emergency Management

Provides a broad overview of Emergency Management in the context of Mitigation, Preparedness, Response, and Recovery. Required for major.

EAM 2033 Citizen/Family/Community Disaster Preparedness Education

The course covers the need for citizen disaster preparedness; research findings on the subject; program design models; team and coalition building, materials and approaches, effective presentation skills, overcoming disaster denial and apathy; preparedness with children, the elderly, and other high-risk populations.

EAM 2413 UAVs in Emergency Management

Prerequisite: ENGL 1013.

Provides a broad overview of unmanned aerial vehicles (UAVs) in the emergency management context with practical and hands-on experience. \$20 course fee.

EAM 2881 Special Topics

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 2882 Special Topics

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 2883 Special Topics

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 2991 Special Problems

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 2992 Special Problems

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 2993 Special Problems

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 3003 Developing Emergency Management Skills

Co-requisite or Prerequisite: EAM 1013 or consent of the department head.

Provides practical and fundamental skills for individuals entering the emergency management profession. Required for major.

EAM 3013 Public Policy and Politics in Emergency Management

Prerequisite: EAM 1013 or consent of the department head.

Analyzes the role of public policy and politics within emergency management. Required for major.

EAM 3023 Principles of Preparedness and Response

Prerequisite: EAM 1013 or consent of the department head.

Co-requisite or Prerequisite: 3003 or consent of the department head.

Examines topics of preparedness and response. Required for major.

EAM 3033 The Social Dimension of Disaster

Co-requisite or Prerequisite: EAM 1013 or consent of department head.

Overview of empirical vs. theoretical approaches; human behavior in disaster, myths and reality; group disaster behavior; community social systems and disaster; cultures, demographics and disaster behavior distinctions, and model-building in sociological disaster research.

EAM 3053 Introduction to Ethical and Legal Issues in Emergency Management

Prerequisite: EAM 1013 or consent of the department head.

Co-requisite or Prerequisite: 3003 or consent of the department head.

Explores ethical and legal issues in emergency management.

EAM 3063 Emergency Management Doctrine

Prerequisite: EAM 1013 or consent of the department head.

Co-requisite or Prerequisite: 3003 or consent of the department head.

Provides a basic understanding of doctrine associated with comprehensive emergency management. Required for major.

EAM 3073 Safety Standards for Emergency Managers

This course provides students with broad based knowledge and practical skills in the safety field. Students will receive an introduction to accident investigation, hazardous materials, accident prevention, ergonomics, and safety programs. Students are familiarized with OSHA general industry standards, including responsibilities under OSHA regulations, inspections, citations, appeals, and record keeping. Explores safety standards from ANSL, NFPA, and DOT.

EAM 3123 Public Information Skills for Emergency Managers

This course provides the student with experience in dealing with the media before, during and after a crisis or disaster. The student will be able to demonstrate presentation skills using a variety of communication styles, graphics integration, informational brochures, and electronic resources.

Note: Much of the course will involve working at onsite locations with actual media contact.

EAM 3143 The Economics of Disaster

Co-requisite or Prerequisite: EAM 1013 or consent of the department head.

The course concentrates on the implications of disaster on state, regional, national, and international economies; case studies in false economies; economics of disaster modeling; and current issues in state, federal, and global economic disaster policy.

EAM 3243 Terrorism and Counterterrorism

This course is an overview of terrorism in which students will explore various aspects of terrorism in a Post 9/11 world leading to a basic understanding of a global phenomenon. Subject matter will include the history of terrorism, its strategies, and why those strategies are effective. The student will examine the psychology of fundamentalist religious movements and extreme political organizations. While studying the effects of terrorism the student will examine governmental concerns, preparedness, response, and defensive operations of dealing with terrorism.

EAM 3263 Disasters in Pop Culture

A study of films and pop culture related to emergency management with particular attention to the analyses of the causes, characteristics, nature and effects of natural and technological hazards.

EAM 3413 UAVs for Commercial Use

Designed to provide aspiring commercial drone operators with the knowledge and skills necessary to operate unmanned aerial vehicles (UAVs) for commercial purposes in compliance with the Federal Aviation Administration (FAA) regulations.

EAM 3903 Public Health Emergency Management

Provides an introduction to public health from an emergency management stance.

EAM 4003 Principles of Mitigation and Recovery

Prerequisite: EAM 1013 or consent of the department head. Examines topics of mitigation and recovery issues in emergency management. Required for major.

EAM 4013 Resilience and Continuity

Prerequisite: EAM 1013 or consent of the department head. Explores continuity of business and governmental operations, including risk assessment, hazard analysis, and resumption of operations with an emphasis of disaster resilience. Required for major.

EAM 4023 Technology for Comprehensive Emergency Management

Prerequisite: EAM 1013 or consent of the department head. Examines the nature and scope of current and emerging technologies and applications in emergency management. Required for major.

EAM 4033 Emergency Management Research and Grants

Prerequisite: EAM 1013 and ENGL 1023 or consent of the department head. Covers basic research to be utilized for decision-making, policy development, and grant writing in emergency management. Required for major.

EAM 4043 Disaster and Emergency Management Ethics

Prerequisite: EAM 3053 or consent of the department head. Examines a variety of ethical theories and principles foundational to emergency management. A review of specific ethical dilemmas per disaster phase is examined in light of professional ethics, overcoming biases, avoiding discrimination, and developing sensitivity.

EAM 4053 Community Management of Hazardous Materials

The course addresses chemical properties of hazardous materials and wastes; legal requirements for their handling, storage, transportation, and disposal; and methods for protecting employees, facilities, and the community.

EAM 4063 Leadership

Co-requisite or Prerequisite: EAM 1013 or consent of the department head. Provides a basic introduction to leadership by emphasizing planning for a potential disaster and coordination during a crisis.

EAM 4083 Legal Issues in Emergency Management

Prerequisite: EAM 3053 or consent of the department head. Provides an in-depth study of legal issues in each phase of emergency management and addresses interaction between the government, private, and volunteer sectors from a legal perspective.

EAM 4093 Grants

Prerequisite: ENGL 1013 and EAM 1013 or consent of the Department Head. This course will cover the federal grant funding streams used by emergency management at the local, state, and federal levels. Students will learn the strategy behind each grant funding stream, eligibility qualifications, developing of grant budgets and justifications. Students will learn the basics of grant writing, budgeting, purchasing, filing for reimbursement, and requirements for audit. Each basic step will be broken down into a series of tasks assigned each week throughout the semester.

EAM 4103 Critical Infrastructure

Examines the nation's critical infrastructure protection, risk management, and resilience from a policy perspective.

EAM 4106 Internship/Practicum

Prerequisite: Departmental approval. Provides practical experience in the emergency management field and applies emergency management theory to actual problems in a non-classroom situation. A minimum of 400 hours of relevant work experience must be completed in an approved internship site OR for those currently working in an emergency management related position, a practicum with a minimum of 150 hours must be completed. The student will work with an advisor to have a site approved by the internship coordinator prior to course enrollment. Required for major. \$100 course fee.

EAM 4606 Capstone

Prerequisite: EAM 3003, 3013, 3023, 3053, 3063, 4003, 4013, 4023 and 4033, or consent of department head. Provides the opportunity to synthesize knowledge of previous undergraduate coursework and to link service learning experience to future goals. To be taken during last semester. Required for major.

EAM 4881 Advanced Special Topics

Prerequisite: EAM 1013 or consent of department head. The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 4882 Advanced Special Topics

Prerequisite: EAM 1013 or consent of department head. The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 4883 Advanced Special Topics

Prerequisite: EAM 1013 or consent of department head. The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean. Note: This course may be repeated for credit if course content differs.

EAM 4951 Undergraduate Research in Emergency Administration and Management

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

EAM 4952 Undergraduate Research in Emergency Administration and Management

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

EAM 4953 Undergraduate Research in Emergency Administration and Management

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

EAM 4954 Undergraduate Research in Emergency Administration and Management

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

EAM 4991 Special Problems

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean.

Note: This course may be repeated for credit if course content differs.

EAM 4992 Special Problems

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean.

Note: This course may be repeated for credit if course content differs.

EAM 4993 Special Problems

Prerequisite: EAM 1013 or consent of department head.

The topics will vary to reflect the continual changes in the emergency management field. This course may also serve as an independent study course upon recommendation of the advisor and approval by the dean.

Note: This course may be repeated for credit if course content differs.