

Emergency Services Emerg Mgmt (ESMG)

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ESMG 310G. Introduction to Homeland Security GI. (3 Credits)

Prerequisite(s): (ENGL 1010 or ENGH 1005) and University Advanced Standing

Introduces student to global and intercultural issues regarding homeland security at the national, regional, state and local levels. Discusses the history of homeland security, including its political history, and evolution, particularly as it relates to terrorism. Addresses demands state and local authorities must meet when dealing with national programs and requirements which affect funding and operations on the state and local level during natural or man-made disasters and emergencies.

ESMG 3150. Principles of Management for the Emergency Services WE. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Examines critical skills used in the management of emergency services operations. Proposes possible applications of the skills using real-life examples. Emphasizes the development process and analytical skills necessary to assess problems in the workplace and select appropriate solutions.

ESMG 3200. Health and Safety Program Management. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Teaches the development, management, and evaluation of health and safety programs for emergency responders. Includes evaluation of accident and injury data. Describes programs that target safety concerns identified from research. Discusses the components of risk and risk control. Teaches the effectiveness of safety programs that reduce personal injuries, fatalities, and property damage resulting from accidents and describes prevention efforts based on a standard of care. Provides the tools necessary to argue for the support of these programs from agency administrators.

ESMG 3250. Managing Emergency Medical Services. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Teaches action planning procedures for emergency incidents requiring multiple agency operations. Includes determining resources, assigning and placement of resources to mitigate incidents requiring multi-agency responses. Studies coordination of changing roles and responsibilities of fire service based EMS providers with the requirements set forth by local ordinances, state statutes, and federal laws. Presents personnel, resource management, and quality improvement techniques.

ESMG 3300. Emergency and Disaster Planning. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Provides practical skills relating to the development of emergency operations plans. Covers the legal foundation of planning. Explores principles and practices relating to risk assessment (i.e., hazard and vulnerability analysis) and federal/national, state and local emergency operations planning.

ESMG 3350. Analytical Research Approaches to Public Emergency Services. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Explores basic research designs, the use of selective analytical tools, and common issues faced by public emergency services managers. Examines tools and techniques using research methods to facilitate the decision making process in public emergency services organizations.

ESMG 3400. Critical Infrastructure Protection. (3 Credits)

Prerequisite(s): ESGM 310G and University Advanced Standing

Explores the risks facing critical infrastructure and the interdependencies between government and private industry in creating, operating and protecting critical infrastructure. Identifies measures required to protect and secure power, water, chemical, computer and other sectors with an emphasis on addressing future vulnerabilities. Examines relevant mitigation, preparedness/planning, response and recovery considerations.

ESMG 3600. Psychology of Emergency Services. (3 Credits)

Prerequisite(s): ENGL 2010 and University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Examines the general psychological aspects of police, fire, and emergency medical services responders including dimensions of personality, family, organizational, cultural and diversity issues. Examines models of emergency and crisis decision making. Analyzes stress, anxiety, and trauma theories and clinical issues and examines current interventions being used for related disorders and building resilience.

ESMG 3710. Comparative Approaches to Homeland Security. (3 Credits)

Prerequisite(s): University Advanced Standing

Identifies all types of terrorist threats and natural/technological hazards at the international level, and explores homeland security and emergency management systems around the world. Discusses the legal foundation of homeland security in other countries, and examines the unique nature of their emergency management organizations and practices. Compares how various nations prevent, prepare for, and react to terrorist attacks and disasters in diverse contexts.

ESMG 4000. Advanced Emergency Services Leadership. (4 Credits)

Prerequisite(s): University Advanced Standing

Explores advanced leadership topics as they relate to the first responder. Discusses leadership theories used in both emergency and non-emergency environments and develops skills necessary to lead small and large organizations under the unique atmosphere of time, pressure, and consequence. Provides an understanding of the role an emergency services leader plays in a paramilitary environment.

ESMG 4150. Humanitarian Services and Disaster Relief. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Examines both theoretical and applied aspects of complex humanitarian emergencies and reviews international disasters in the context of humanitarian relief. Explores the needs of displaced persons and the systems and practices currently in place to meet these needs. Reviews the principles of preparedness, resilience, and sustainability in terms of short-term response to disasters and long-term community recovery.

ESMG 4200. Public Information and Disasters. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G or department approval

Prepares emergency services students to respond effectively to public information needs in both day-to-day emergency circumstances as well as in more extreme disaster conditions. Explores the theory and develops skills to effectively respond in crisis situations. Presents case studies in crisis response that demonstrate how information can help the public prepare, respond, and recover from disasters.

ESMG 425G. Humanitarian Management and Operations GI. (3 Credits)

Prerequisite(s): University Advanced Standing

Deals with the operations side of humanitarian action. Establishes principles that can be used in local, national, and international relief efforts. Applies best practices from emergency management to the field of humanitarian services and disaster relief. Meets the global and international requirements to foster greater understanding of, interaction with, and appreciation for, cultures that reflect the diversity present within the local and campus communities, up to the larger state and global context.

ESMG 4300. Disaster Recovery and Hazard Mitigation. (3 Credits)

Prerequisite(s): University Advanced Standing

Explores disaster recovery operations and hazard mitigation activities, including an emphasis on key participants in these important, but neglected phases of emergency management. Addresses numerous functions including damage assessment, disaster declarations, disaster assistance, risk assessments, land-use planning, and structural/non-structural mitigation. Concentrates on the needs of vulnerable populations and has the goal of promoting increased disaster resilience, proactive risk reduction measures and sustainability.

ESMG 4350. Disaster Planning and Business Continuity. (3 Credits)

Prerequisite(s): University Advanced Standing

Identifies risks facing business operations. Focuses on planning and preparedness for disasters and other emergencies to assure continuity of business operations. Teaches processes that protect facilities, operations, employees, customers, and other stakeholders from the effects of a crisis. Identifies strategies that develop business resilience and protect business systems.

ESMG 4400. Legal Considerations for the Emergency Services. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Examines regulatory, political, and social aspects of government's role in emergency services agencies, including regulatory issues, emergency services operations, employment, personnel issues, roles, legislative issues, and political influence.

ESMG 445G. Human Factors in Emergency Management GI. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ENGL 2010

Introduces students to an emergency response approach to understanding hazards and disasters grounded in social vulnerability analysis. Examines historical, geographical, social, and cultural factors and conditions that put people differentially at risk before, during, and after disasters. Utilizes a multi-disciplinary approach. Focuses on global, national, regional, and local patterns of development. Explores how vulnerable social groups globally are affected by and cope with hazardous conditions and events, and strategies of justice, equity, diversity and inclusion for community-based mitigation engaging those most at risk.

ESMG 4500. Customer Service and Marketing for the Emergency Services. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Explores the principles and importance of customer oriented service delivery within the emergency services. Looks at current practices and delves into emerging needs and solutions for marketing and public relations. Includes research and critical thinking strategies for local, national, and global perspectives on customer service.

ESMG 4550. Emergency Preparedness and Disaster Response. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Identifies what emergency managers and other key actors in the public, private, and nonprofit sectors do to prepare for emergencies and improve immediate post-disaster operations. Covers the importance of the Emergency Management Accreditation Program, planning, equipping, training, exercises, and community education. Describes the Disaster Response Framework and NIMS along with how first responders and emergency managers may use ICS and EOCs to improve functions such as warning, evacuation, sheltering, firefighting, search and rescue, emergency medical care, mutual aid, public information, donations management, volunteer management, etc.

ESMG 4600. Public Administration for the Emergency Services. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

For Public Emergency Services Management students. Examines the relationship between the emergency management function in government and the professional field of public administration. Topics include public policy making, implementation and analysis, disaster analysis, problem solving and solution formulation.

ESMG 4650. Emergency Services Capstone WE. (3 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 4600

Examines cutting-edge issues under the guidance of top professionals. Includes interviews with local and state officials to identify potential critical issues. Discusses personal leadership philosophy and strategies for decision making. Writing enriched course, which facilitates relevant communication in the discipline.

ESMG 481R. Emergency Services Internship. (1-6 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

For upper-division students working toward a Bachelor of Science Degree in Emergency Services Management. Provides a transition from school to work where learned theory is applied to actual practice through meaningful on-the-job experience. May be repeated for a maximum of 6 credits toward graduation. May be graded credit/no credit.

ESMG 489R. Special Topics in Emergency Management. (1-6 Credits)

Prerequisite(s): University Advanced Standing

Pre- or Corequisite(s): ESGM 310G

Provides students the opportunity to study special leadership topics in Emergency Management. Requires students to identify standard leadership topics and evaluate their application to Emergency Services. Calls for the creation of a significant research paper that is characteristic of the Emergency Leadership discipline and worthy of communication to a broader audience. May be repeated for a maximum of 9 credits toward graduation.

ESMG 491R. Topics in Cardiology and Medical Trends. (1-3 Credits)

Prerequisite(s): ENGL 2010, (ESFF 1000 or departmental approval), and University Advanced Standing

Surveys a specific topic in cardiology and medical trends related to Emergency Medicine. Topic varies each semester. May be repeated for a maximum of 6 credits toward graduation.

ESMG 492R. Topics in Trauma and Pharmacology. (1-3 Credits)

Prerequisite(s): ENGL 2010, (ESFF 1000 or departmental approval), and University Advanced Standing

Surveys a specific topic in trauma and pharmacological trends. Topic varies each semester. May be repeated for a maximum of 6 credits toward graduation.

ESMG 493R. Topics in Medical Litigation. (1-4 Credits)

Prerequisite(s): ENGL 2010, (ESFF 1000 or departmental approval), and University Advanced Standing

Surveys a specific topic in medical litigation. Topic varies each semester. May be repeated for a maximum of 4 credits toward graduation.

ESMG 6100. Psychology and the Emergency Services Responder. (3 Credits)

Prerequisite(s): Acceptance into the Masters of Public Administration Program

Examines the psychological impact the emergency services profession has on the responder. Explains the effects of emergency response and bureaucracy on the psyche of the responder. Identifies the need for post-traumatic growth.

ESMG 6110. Disasters/Vulnerability/and Impacts. (3 Credits)

Prerequisite(s): Acceptance in the Graduate Certificate in Emergency Management and Homeland Security Administration or the Master of Public Administration (MPA) Program.

Evaluates the impact of natural and manmade disasters locally, nationally, and internationally. Analyzes historical disaster case studies in order to examine the aggregate costs of disasters.

ESMG 6120. Emergency Planning and Response. (3 Credits)

Prerequisite(s): Acceptance in the Graduate Certificate in Emergency Management and Homeland Security Administration or the Master of Public Administration (MPA) Program.

Examines the need for emergency planning and response criteria associated with emergency services delivery. Teaches how to generate a community-wide emergency planning and response matrix. Identifies systems thinking within an emergency framework.

ESMG 6130. Social Vulnerability in Emergencies. (3 Credits)

Prerequisite(s): Acceptance into the Master of Public Administration Program

Appraises social vulnerabilities within a community. Evaluates the sociological aspects of emergency response. Compares sociological and economic factors to resiliency.

ESMG 6140. Homeland Security Fundamentals. (3 Credits)

Prerequisite(s): Acceptance in the Graduate Certificate in Emergency Management and Homeland Security Administration or the Master of Public Administration (MPA) Program.

Explains the history, formation, and growth of the Department of Homeland Security (DHS) since September 11, 2001. Estimates impact homeland security has on local emergency service agencies. Appraises the current state of national and international homeland security operations. Evaluates the existing DHS structure and its ability to meet the organization's strategic mission.