Emergency Services Management (ESMG)

ESMG 310G
Introduction to Homeland Security
3:3:0 Fall, Spring, Summer
* Prerequisite(s): ENGL 1010 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
Public Program Administration
3:3:0 Fall, Spring
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G

Examines critical skills used in the management of public safety 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
3:3:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G

Teaches development, management, and evaluation of departmental safety programs. Includes compilation of accident and injury data from local jurisdictions. Develops programs that target safety concerns identified from research. Students will develop a plan to track effectiveness of safety programs to reduce personal injuries and property damage resulting from accidents within their department.

ESMG 3250
Managing Emergency Medical Services
3:3:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 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
Master Planning for Public Emergency Services
3:3:0 Fall, Spring
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G

Prepares students for developing long-range plans, given current organization status and local resources, emphasizing the attainment of both organizational, and community needs. Teaches planning for growth and for major disasters. Integrates resources and budgets while mitigating the impacts on a community. Develops and evaluates projected training requirements.

ESMG 3350
Analytical Research Approaches to Public Emergency Services
3:3:0 Fall, Spring
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 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
3:3:0 On Sufficient Demand
* Prerequisite(s): ESMG 310G and University Advanced Standing

Introduces critical infrastructure and key resources (CI/KR) and explores the interdependencies between government and private industry in sustaining and protecting critical infrastructure. Provides an overview of the elements and processes to develop and sustain successful critical infrastructure partnerships and to protect critical infrastructure and key resources.

ESMG 3600 (Cross-listed with: CJ 3600)
Psychology of Emergency Services
3:3:0 Fall, Spring, Summer
* Prerequisite(s): (ENGL 2010 or ENGL 2020) and University Advanced Standing

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
3:3:0 On Sufficient Demand
* Prerequisite(s): University Advanced Standing

Discusses shared terrorism threats as well as policies and strategies employed by a range of democratic countries to cope with terrorism and other homeland security-related threats. Examines issue areas such as bio-threats, health system preparedness, airport security and anti-radicalization policies across a number of countries. Reviews the practices of other countries and translates those practices into policies applicable in the United States. Prepares students to engage with their international partners at the local, state, or federal levels as Homeland Security becomes an increasingly global undertaking requiring greater international outreach.

ESMG 4150
Humanitarian Services and Disaster Relief
3:3:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G

Examines both theoretical and applied aspects of complex humanitarian emergencies and reviews disasters in the context of humanitarian relief. Explores the needs of displaced persons and reviews 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.
Emergency Services Management

ESMG 4200
Disaster Response and the Public
3:3:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G or departmental 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. This course will be offered as a hybrid or online course.

ESMG 425G
Crisis and Disaster Management
3:3:0 Fall, Spring
* Prerequisite(s): ENGL 1010, ESMG 310G, or departmental permission. 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 4400
Legal Considerations for the Emergency Services
3:3:0 Fall, Spring
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 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 (Cross-listed with: CJ 445G)
Human Factors in Emergency Management
3:3:0 Fall, Spring, Summer
* Prerequisite(s): (ENGL 2010 or ENGL 2020) and University Advanced Standing
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 are affected by and cope with hazardous conditions and events, and strategies for community-based mitigation engaging those most at risk.

ESMG 4500
Customer Service and Marketing for the Emergency Services
3:3:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G
Explores the principles and importance of customer oriented service delivery within the emergency services. Looks at current practices and delves into emerging service delivery for marketing and public relations. Includes research and critical thinking strategies for local, national, and global perspectives on customer service.

ESMG 4550
Principles of Disaster and Emergency Management
3:3:0 Fall, Spring
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G
Introduces the student to the need for and creation of comprehensive emergency planning operations. Explores risk assessment techniques and critical analysis strategies for communities and governmental agencies. Teaches the components of a comprehensive emergency plan and presents the National Incident Management System (NIMS), mandated by presidential directive.

ESMG 4600
Public Administration and Emergency Management
3:3:0 Fall, Spring
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 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
3:3:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 310G
Public Emergency Services Management capstone course. 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.

ESMG 481R
Emergency Services Internship
1 to 6:1 to 6:0 Fall, Spring, Summer
* Prerequisite(s): ENGL 2010, (ESFF 1000 or sufficient emergency services experience), and University Advanced Standing
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 16 credits toward graduation. May be graded credit/no credit.

ESMG 489R
Special Topics in Emergency Management
1 to 6:1 to 6:0 Fall, Spring, Summer
* Prerequisite(s): University Advanced Standing
* Prerequisite(s) or Corequisite(s): ESMG 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 to 3:1 to 3:0 Fall, Spring, Summer
* 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 to 3:1 to 3:0 Fall, Spring, Summer
* 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 to 4:1 to 4:0 Fall, Spring, Summer
* 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
3:3:0
* Prerequisite(s): Acceptance into the Masters of Public Services 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
3:3:0
* Prerequisite(s): Acceptance into the Masters of Public Services 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
3:3:0
* Prerequisite(s): Acceptance into the Masters of Public Services 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
3:3:0
* Prerequisite(s): Acceptance into the Masters of Public Services Program
Appraises social vulnerabilities within a community. Evaluates the sociological aspects of emergency response. Compares sociological and economic factors to resiliency.