

# Emergency Mgmt (EMGT)

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## Courses

### **EMGT 1199 Experimental Course: 1-6 semester hours.**

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

### **EMGT 2299 Experimental Course: 1-6 semester hours.**

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

### **EMGT 3301 Incident Command System Advanced: 3 semester hours.**

Principles and procedures for command and control of emergency situations during natural or man-made disasters including interaction of local, state and federal agencies and public and private organizations. Topics covered in this course are: develop organizational structures, establish staffing requirements, prepare incident briefings, conduct planning meetings, identify resources, develop goals, Area Command and Multiagency Coordination, and implement incident action plans. PREREQ: Federal Emergency Management Agency Emergency Management Institute courses: Introduction to the Incident Command System (ICS 100), Incident Command System for Single Resources and Initial Action Incidents (ICS 200), and An Introduction to the National Incident Management System (NIMS 700). Students must provide documentation for the completion of ICS 100, ICS 200, and NIMS 700 to the Emergency Services Department to enroll in EMGT 3301. D

### **EMGT 3302 Hazards Mitigation: 3 semester hours.**

Students will identify possible kinds of disasters and their related risks or consequences. Hazard Analysis provides the foundation for policy decisions regarding disaster mitigation, preparedness, response, and recovery. Topics include hazard and vulnerability analysis, structure and non-structural mitigation, capabilities assessment, planning, project development and management, and public education. Development planning, political advocacy and networking are heavily stressed. PREREQ: EMGT 2223. D

### **EMGT 3303 Disaster Response and Recovery Advanced: 3 semester hours.**

Theoretical examination and practical application of post-disaster management activities including human behavior in emergency situations, warning, evacuation, sheltering, triage, damage assessment, disaster declaration, debris removal, media relations, crisis counseling, individual and public assistance, and other relevant functions. Decision making, incident command, EOC operations, coordination and service delivery strategies are also discussed. PREREQ: EMGT 2224. D

### **EMGT 3304 Integrated Systems in Emergency Management: 3 semester hours.**

Students will explore the interconnectivity and interdependence of local, state and federal emergency management programs. Students will gain an understanding of how organizational theory applies to emergency management to include the four phases of emergency management, the broader homeland security mission and cooperation between various local, state and federal agencies as well as with the private sector and non-governmental organizations. PREREQ: EMGT 2224. D

### **EMGT 3305 Political and Policy Basis of Emergency Management: 3 semester hours.**

Topics include: emergency management and the American political system, government, political, and organizational issues, and intergovernmental relations. Policy formation process in governmental and local settings. PREREQ: POLS 1101. D

### **EMGT 3306 Hazardous Materials Management: 3 semester hours.**

The material in this course focuses on the organizational use of Hazardous Materials, and the impact of their use on the organization and the environment. Issues raised include the overall economic, social and environmental costs of chemical usage. Emphasis is on proactively identifying hazards in the workplace/ jurisdiction and implementing strategies to reduce use and risk. Equivalent to FSA 3336. D

### **EMGT 3307 Social Dimensions of Disaster: 3 semester hours.**

Topics include: disaster mythology pattern, public response to disaster warnings, individual response to disaster, disaster stress and denial, crisis decision making, and disaster recovery and community change. PREREQ: EMGT 2224. D

### **EMGT 3308 Leading in Organizations: 3 semester hours.**

Through this course students will learn leadership environment, vision, concepts and theories to enhance effectiveness at all levels of leadership as it relates to Emergency Management. This course is designed to allow students to view leadership and how it fits into, shapes, or changes an organization's culture. D

### **EMGT 3309 Crisis Management and Leadership: 3 semester hours.**

Students discuss the leadership and decision-making issues and challenges related to preparing for and responding to a catastrophic incident. The class provides an excellent opportunity to share proven strategies and practices and apply lessons learned from past natural and man-made disasters. This course explores the characteristics of crisis and decision-making styles and the role of leadership styles in this relationship. This course examines the four-stage crisis management framework: 1) Landscape Survey: identifying potential crisis vulnerabilities; 2) Strategic Planning: organizing the crisis management team and writing the plan; 3) Crisis Management: addressing the crisis when it occurs, and 4) Organizational Learning: applying lessons from crises so they will be prevented or mitigated in the future. PREREQ: Minimum grade of C- in EMGT 1110. D

### **EMGT 3320 Public Administration and Emergency Management: 3 semester hours.**

Topics include: intergovernmental and private sector relations, paying for large-scale disasters, land-use planning and hazards, legal and liability issues, and implementing emergency management policies. PREREQ: POLS 1101. D

### **EMGT 3321 Sociology of Disaster: 3 semester hours.**

Topics include: theoretical approaches to disaster research, theory of disaster response, and community sociological impact of disasters. PREREQ: SOC 1101. D

### **EMGT 3322 AgroTerrorism: 3 semester hours.**

This course provides students with an understanding of agro-terrorism, including the definition of agro-terrorism, vulnerabilities of crops, livestock, and food supplies. This course explores ways to help prevent, detect, and respond to problems, pests and pathogens that could be used by terrorists to cause plant health disorders, and animal diseases that could be used in agro-terrorism attacks and understand how prevention and preparedness measures work at the local, state, and federal levels. D

### **EMGT 3323 Business and Industry Crisis Management: 3 semester hours.**

Study of business continuity and the role of businesses in emergencies and disasters. Topics include business area impact analysis and risk perception, crisis management, decision making, and communications. D

### **EMGT 3324 Geologic Hazards and Emergency Management: 3 semester hours.**

This course is intended to help create a new generation of emergency managers who are better informed and better prepared to make decisions, obtain relevant information, and better understand how to make effective impacts upon reduction of earthquake hazards. D

***EMGT 3325 Flood Plain Management: 3 semester hours.***

This course focuses on the identification and assessment of flood-related hazards and vulnerabilities. Topics include: evaluation of the merit and necessity of implementing various structural and non-structural approaches to reduce flood-related disasters, and discussions about mapping, containment devices, land use planning, early warning systems, and insurance. PREREQ: EMGT 2223. D

***EMGT 3326 International Disasters: 3 semester hours.***

Exploration of issues pertinent to international disasters, including the susceptibility of under-developed countries to natural disasters, the nature of complex emergencies, and the actors involved in humanitarian activity across natural borders. Special attention is given to the social, political and economic barriers that perpetuate the vicious cycle of vulnerability as well as the need for long term solutions that promote beneficial forms of development. PREREQ: EMGT 1121. D

***EMGT 3327 Social Vulnerability Approach to Emergency Management: 3 semester hours.***

Topics include: development of vulnerability analysis, technological and human-induced causes, structural and situational barriers to disaster resilience, community vulnerability and strategies for new ideas and implementation of social change in disasters. PREREQ: SOC 1101. D

***EMGT 3328 Nonprofit Sector and Disasters: 3 semester hours.***

Discussion of the different types of non-profit organizations involved in disasters. Identification of relevant roles and special challenges including fund raising, volunteer recruiting, training, and service delivery. PREREQ: EMGT 1121. D

***EMGT 3329 Technology in Emergency Management: 3 semester hours.***

Application of technology that may be applied in emergency planning, response, recovery, and mitigation; current and emerging technology applications; special issues and problems associated with the use of technology in emergency management. Topics include: use of the Internet, spatial analysis applications, network and communication systems, decision support systems, spreadsheets and word processing, and emerging technologies. PREREQ: EMGT 2221. D

***EMGT 3330 Incident Command Teams Position Specific: 2 semester hours.***

ICS Command and General Staff school will teach the student how to assume position responsibilities, lead assigned personnel, communicate effectively, and complete assigned tasks to meet identified objectives. These skills provide the foundation for our responders to form Incident Management Teams in their regions. PREREQ: EMGT 3301. D

***EMGT 3398 Special Topics: 1-8 semester hours.***

Addresses the specific needs of industry, enabling students to upgrade technical skills that are not included in the current program curriculum. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of instructor. D

***EMGT 4401 Research and Analysis Methods in Emergency Management: 3 semester hours.***

Students will acquire an introduction to current research pertaining to emergency management, gain an understanding of the processes and requirements for conducting empirical research related to emergency management, including outcomes and techniques for measuring these outcomes. Topics include: measurement and data gathering, program evaluation, questionnaire design, and statistical analysis. Students will also learn how to conduct a local risk and vulnerability assessment as well as a program evaluation. PREREQ: MATH 1153. D

***EMGT 4402 Critical Infrastructure Public Private Issues: 3 semester hours.***

Students will gain an understanding of large, complex, sometimes risky technical systems. Topics include: normal accident and human factors theory, emergency management, disaster assistance and public utility regulation and deregulation, public policy, and management of risk. Students will conduct collaborative research on critical infrastructure systems and organizations, explore how they are planned and designed, and see how they function during and after a natural or technical disaster or attack. D

***EMGT 4403 Internship: 3-6 semester hours.***

Supervised practice experience in a professional emergency management setting. May be repeated for a maximum total of 6 credits. PREREQ: Permission of the instructor and approval of the program director. D (Required for those with less than 2 years practical experience.)

***EMGT 4404 Emergency Management Capstone: 3 semester hours.***

Building disaster resilient communities. Topics include: building resilience to hazards, developing skills in formulating programs to strength resilience, assessing existing and emerging community conditions that contribute to vulnerability to hazards, working with and effectively communicating with stakeholders, and working as a member of a problem-solving team to lessen the future vulnerability of communities. PREREQ: Permission of instructor and program director. D

***EMGT 4420 Legal Issues in Emergency Management: 3 semester hours.***

Overview of important federal and state legislation bearing on emergency management in various types of disasters. PREREQ: EMGT 1121. D

***EMGT 4421 Public Health Preparedness: 3 semester hours.***

Students will learn the requirements of a public health workforce that is well prepared to respond to a wide range of public health disasters. Topics include program planning, regularly exercised plans, disaster management, timely access to information, clear knowledge of individual and agency rules and responsibilities, reliable communication systems, and integrating volunteers. PREREQ: EMGT 1121. D

***EMGT 4422 Terrorism in Emergency Management: 3 semester hours.***

In-depth investigation into the ideology forces and groups involved in terrorist activity. Analysis of the effects of terrorism, including the similarities and differences to other types of disasters. Attention is given to weapons of mass destruction and the unique challenges to prevent, prepare for, respond to, and recover from terrorist attacks. PREREQ: EMGT 1121. D

***EMGT 4430 Incident Management Teams All Hazards: 3 semester hours.***

This course focuses on the importance of developing and operating as a functional team and reinforces the critical foundation for IMT. The course emphasizes competency in various ICS positions and extensive hands-on experience necessary for understanding how IMT members work together and how an individual position is integral to the whole system. Requires instructor permission. PREREQ: EMGT 3330. D