

Associate of Applied Science - Emergency Management Applications

Program Description

The Emergency Management program stresses the fundamental skills of emergency management while providing interdisciplinary study covering the related skills and practices of emergency planning and leadership. The main purpose of the program is to cover the needs of emergency management professionals, addressing the various aspects of natural and human caused disasters. Graduates will have a knowledge-based approach to strategically plan for disaster prevention, reduction, response, and recovery. The target audience for the degree are those working in, or those desiring to work in, emergency management or related fields such as fire protection, law enforcement, emergency medical fields, environmental health and safety, and others including, but not limited to, the private sector.

Program Contacts

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Program Outcomes

Upon successful completion of the Emergency Management Applications Degree program, the learner will be able to:

1. Describe the theories, principles, and approaches to the emergency management field. (EMA 101, EMA 225)
2. Apply methodology and analytical techniques in emergency planning. (EMA 102)
3. Describe the implementation process for public assistance during disaster recovery. (EMA 110)
4. Communicate the importance of organizational leadership, performance, and vision. (EMA 130, EMA 250)
5. Identify risks and hazards that affect the sustainability framework for natural and technological hazards and how preparedness, response, recovery, and mitigation efforts can create a sustainable future. (EMA 140)
6. Identify proper foresight and management to reduce or eliminate losses due to disasters and/or catastrophes. (EMA 210)
7. Define terrorism, typologies of terrorism, financing of terrorism and the tactics and force multipliers of terrorism. (EMA 240)
8. Analyze the purpose and scope of legal issues within emergency management to include: administrative agencies, civil liberties, contract and labor issues, employee rights, and the rights of others. (EMA 245)
9. Discuss collaborative emergency management, phases of emergency management, health sector planning and response, new technology, budgeting, and the future direction of emergency management. (EMA 220, EMA 230)
10. Describe the unique challenges to protection of information and computer security posed by cyberspace. (AJS 258)
11. Use computer software applications to solve problems and scenarios, and to increase productivity. (CSA 110)

Program Requirements

A minimum of 61 credit hours is required to complete the Emergency Management Applications Degree.

Course	Course Title	Credit Hours
I. General Education		
A. Foundation Studies (12 credits)		
1. College Composition or Applied Communication - Select Option a or b:		
a. Writing (6 credits)		
Choose two courses from approved list		
b. Writing AND Communication (6 credits)		
Choose one course from each list		
2. Numeracy (3 credits)		
3. Critical Thinking (3 credits)		
B. Area Studies (7 credits)		
1. Physical and Biological Science (4 credits)		
2. Behavioral OR Social Science (3 credits)		
Choose one course from either list		
II. Emergency Management Applications Requirements		
EMA101	Prin of Emergency Mgmt	3
EMA102	Emergency Planning	3
EMA110	Public Admin & Emerg Mgmt	3

Course	Course Title	Credit Hours
EMA130	Ldrshp Models for Emerg Mgmt	3
EMA140	Disaster Response & Recovery	3
EMA210	Disaster Mitig & Bus Comm	3
EMA220	Ethical Ldrshp for Emer Mgr	3
EMA225	Leadership Developmnt/Emer Mgr	3
EMA230	Emer Mgmt for Local Govt	3
EMA240	Terrorism & Homeland Security	3
EMA245	Law & Legal Issues for Emerg	3
EMA250	Organizational Dev & Chng	3
III. Related Requirements		
AJS258	Info Protect and Comp Security	3
CSA110	Intro Computer Info System	3