

# BACHELOR OF APPLIED SCIENCE - EMERGENCY MANAGEMENT AND HOMELAND SECURITY

The Bachelor of Applied Science in Emergency Management and Homeland Security (BAS-EMHS) Program provides Students with a well-rounded foundation in the history, politics, defense and preparedness aspects of terrorism. It will also provide students with the management principles of planning, mitigation, response and recovery from natural and man made disasters in emergency management roles. Graduates of the program will be able to conduct planning analysis, write, and implement emergency plans for public and private entities while addressing the issues of homeland security within the emergency management role. Emergency Management and Homeland Security is one of the fastest growing disciplines in the United States today with excellent employment prospects for graduates in both the public and private sector.

## Degree Outcomes

Students completing this degree will:

- Identify the underlying principles and roles of Emergency Management and Homeland Security within the public organizations and private sector business.
- Apply the concepts of the professional skills and Competency in Emergency Management and Homeland Security planning, mitigation, response and recovery.

### Degree Entry Prerequisite Information

Students entering this BAS will start from one of several prerequisite options. Please contact the Program Advisor for more details on transfer articulation.

AAS in Prehospital Emergency Medicine 68

Follow the program worksheet for AAS in prehospital Emergency Medicine with the additional prerequisite:

AAS in Fire Technology 60

EMHS 200 ICS/NIMS/EOC

Follow the Program Worksheet for AAS in Fire Technology

Units from AA, AS, or AAS Degree. 60

**General Education Requirements must be met. Depending on courses taken in the AAS, you may be required to take additional units to satisfy these requirements.**

*Natural Science*

Required:

GEOL 100 Earthquakes, Volcanoes and Natural Disasters

### Degree Requirements

EMHS 300 Principles, Practices Philosophy & Doctrine of Emergency Management 3

EMHS 302 Principles and Practices of Mitigation and Recovery in Emergency Management 3

EMHS 304 Hazard Risk Management: Vulnerability and Risk 3

EMHS 306 Advanced ICS-EOC Interface 3

EMHS 311 International and Cyber Terrorism 3

EMHS 313	Homeland Security: Preparedness, Prevention, Deterrence & Emergency Management	3
EMHS 315	Domestic Terrorism and Homeland Security in the U.S.	3
EMHS 410	Social Dimensions, Lifecycle and Ethics of Disaster	3
EMHS 412	Emergency Management Fiscal Administration	3
EMHS 414	Organizational Crisis & Continuity Management	3
EMHS 416	Introduction to Exercise Design and Evaluation	3
EMHS 421	Critical Thinking and Strategic Intelligence	3
EMHS 423	Critical Infrastructure and Resource Protection	3
EMHS 425	Emergency Management/Homeland Security Leadership & Communication	3
EMHS 490	Emergency Management Homeland Security Capstone	3

### Elective Requirements

Select 15 upper division elective credits. <sup>1</sup> 15

EMHS 320	History of United States Hazards and Disasters	
EMHS 321	Protecting the Homeland: Balancing Security and Liberty	
EMHS 322	Trauma Treatment in an age of disaster and terrorism	
EMHS 323	Physical Security and Deterrents to Terrorism	
EMHS 325	Terrorism, Weapons of Mass Destruction and Homeland Security	
EMHS 420	Advanced Disaster Case Study	
EMHS 422	Public Health and Disasters	
EMHS 427	Critical Incident Management for Public Safety	
EMHS 429	Transportation Systems: Security and multi-modal transportation	
EMHS 470	Emergency Management Homeland Security Internship	

Total Units 120

<sup>1</sup> Electives are designed to address the student's emphasis within the degree program, whether Emergency Management, Public Health or Homeland Security.

Course	Title	Units
<b>1st semester</b>		
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	3
EMHS 300	Principles, Practices Philosophy & Doctrine of Emergency Management	3
EMHS 302	Principles and Practices of Mitigation and Recovery in Emergency Management	3
EMHS 306	Advanced ICS-EOC Interface	3
EMHS 311	International and Cyber Terrorism	3
Semester Total		15
<b>2nd semester</b>		
EMHS 304	Hazard Risk Management: Vulnerability and Risk	3
EMHS 313	Homeland Security: Preparedness, Prevention, Deterrence & Emergency Management	3
EMHS 410	Social Dimensions, Lifecycle and Ethics of Disaster	3
EMHS 412	Emergency Management Fiscal Administration	3

EMHS 414	Organizational Crisis & Continuity Management	3
Semester Total		15
<b>3rd semester</b>		
EMHS 315	Domestic Terrorism and Homeland Security in the U.S.	3
EMHS 421	Critical Thinking and Strategic Intelligence	3
EMHS 423	Critical Infrastructure and Resource Protection	3
EMHS 425	Emergency Management/Homeland Security Leadership & Communication	3
Elective <sup>2</sup>		3
Semester Total		15
<b>4th semester</b>		
Electives <sup>2</sup>		9
EMHS 470	Emergency Management Homeland Security Internship	3
Semester Total		12
<b>5th semester</b>		
EMHS 490	Emergency Management Homeland Security Capstone	3
Semester Total		3
Total Units		60

2