

# EMERGENCY AND DISASTER MANAGEMENT (AAS)

## Public Service

Program website (<https://www.harpercollege.edu/academics/public-service/emergency-management/emergency-disaster-management-degree.php>)

## Program Overview

This 61 credit-hour program in Emergency and Disaster Management provides foundational knowledge and initial exposure to the Emergency Management field. Students explore a variety of areas within the discipline, including the four phases of emergency management, terrorism in emergency management, as well as inter-agency disaster management. This degree program is designed for students seeking entry-level exposure to the emergency management field, as well as for professionals in industries such as fire science, homeland security, and emergency response administration who are seeking to bolster their emergency management background. This degree program is recognized by FEMA's Emergency Management Institute for higher education.

## Program Requirements

A grade of C or better in all EMG courses is required for all students.

First Semester		Hours
EMG 101	Introduction to Emergency Management	3
EMG 107	Incident Management Systems	3
EMG 253	Ideologies of Terrorism	3
ENG 101	Composition I	3
MGT 150	Business Math <sup>1</sup>	3
<b>Hours</b>		<b>15</b>
Second Semester		Hours
EMG 103	Leadership, Influence, Decision Making and Problem Solving	3
EMG 155	Social Dimensions of Disaster	3
GIS 100	Introduction to Geospatial Technologies	3
PSY 101	Introduction to Psychology <sup>+</sup>	3
SPE 101	Fundamentals of Speech Communication	3
<b>Hours</b>		<b>15</b>
Third Semester		Hours
BIO 260 or NTR 101	Human Anatomy or Fundamentals of Nutrition	3
DRO 101	Mastering Drone Flight: Essential Skills and Techniques	3
Elective(s) (p. 1)		3
EMG 150	Public Information, Education, and Community Relations	3
HED 206	Introduction to Community and Public Health	3
<b>Hours</b>		<b>15</b>
Fourth Semester		Hours
Elective(s) (p. 1)		12
EMG 153	Hazard Analysis and Mitigation	3

EMG 299	Emergency Management Systems Practicum	1
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>61</b>

<sup>1</sup> The mathematics requirement for this degree can be met with MGT150 (Business Math) or Math Competency. See Math Competency options (<https://www.harpercollege.edu/testing/docs/math-competency-options.php>) for information. Students who use Math Competency to meet the mathematics requirement must complete an additional three credit-hour AAS General Education elective. See full list of AAS General Education Electives. (<https://catalog.harpercollege.edu/catalog/programs/aas-general-education-electives/>)

<sup>+</sup> Students need to choose a course to meet this requirement that also meets the World Cultures and Diversity graduation requirement. See full list of AAS General Education Electives (<https://catalog.harpercollege.edu/catalog/programs/aas-general-education-electives/>).

## Electives

Code	Title	Hours
Select at least 15 credit hours from the following courses: 15		
EMG 131	Public Safety Dispatcher I	
EMG 201	International Disaster Management	
EMG 151	Emergency Management Policy and Planning	
EMG 205	Crisis Exercise Design and Evaluation	
EMG 231	Public Safety Dispatcher II	
EMG 251	Select Problems in Emergency Management	
FIS 260	Emergency Services Safety	
FIS 132	Hazardous Materials	

## Program Learning Outcomes

Students who successfully complete this program will be able to:

- Evaluate and analyze simple and complex, natural and man-made disasters.
- Collaborate with other officials in order to prepare and analyze damage assessment following a disaster incident.
- Conduct surveys to determine the types of emergency-related needs in local disaster planning.
- Coordinate disaster response or crisis management activities, such as ordering evacuations and open shelters.
- Direct emergency response teams and provide on-site investigations.
- Develop and perform tests and evaluations of emergency management plans in accordance with state and federal regulations.
- Administer public emergency recovery programs.
- Design and administer emergency/disaster training programs to the general public.
- Understand federal, state, county and local regulations and details that affect emergency response and disaster control.
- Inspect facilities and equipment, such as emergency response centers and communications equipment for readiness.
- Effectively communicate within and outside the organization, in both written and oral formats.