

# SECURITY AND DISASTER MANAGEMENT M.S.D.M.

## Admission Requirements

Complete the following admission requirements:

- Students with a GPA above 2.75 will be required to submit a score from the Watson-Glaser Critical Thinking Exam.
- Any students with a GPA lower than 2.75 will be required to submit scores from either the GRE or the GMAT.
- Students without a background in Homeland Security and Emergency Management will be required to take HSEM F301: Principles of Emergency Management and Homeland Security. This course will not count toward the M.S.D.M. program requirements.

## Program Requirements

< Back to Department (<https://catalog.uaf.edu/academic-departments/homeland-security-emergency-management/>)

## Minimum Requirements for Security and Disaster Management M.S.D.M.: 30 credits

**CONCENTRATIONS:** ARCTIC SECURITY (P. 1), BUSINESS CONTINUITY (P. 1), CLIMATE SECURITY (P. 1), CYBERSECURITY (P. 1), DISASTER MANAGEMENT (P. 2), STEM (P. 2), STRATEGIC LEADERSHIP (P. 2)

Code	Title	Credits
<b>General University Requirements</b>		
Complete the graduate general university requirements. ( <a href="https://catalog.uaf.edu/masters/#gurmastersdegreestext">https://catalog.uaf.edu/masters/#gurmastersdegreestext</a> )		
<b>Master's Degree Requirements</b>		
Complete the master's degree requirements. ( <a href="https://catalog.uaf.edu/masters/#masterofsecuritydisastermanagement">https://catalog.uaf.edu/masters/#masterofsecuritydisastermanagement</a> )		
<b>Security and Disaster Management Program Requirements <sup>1</sup></b>		
Complete the following:		
HSEM F601	Legal Aspects of Homeland Security and Emergency Management	3
HSEM F603	Disaster Management Policy	3
HSEM F607	Vulnerability and Protection	3
HSEM F609	Human Security	3
HSEM F690	Security and Disaster Management	3
<b>Concentration</b>		
Complete one of the following:		15
Arctic Security		
Business Continuity		
Climate Security		
Cybersecurity		
Disaster Management		
Strategic Leadership		

STEM	Credits
<b>Total Credits</b>	<b>30</b>

<sup>1</sup> Students with two C's, one D or one F in courses that are part of the HSEM program will not be in good standing even if their cumulative GPA is at or above 3.0. HSEM students who are not in good standing will be subject to review and may be dismissed by the HSEM committee. Students may not use more than two F600-level courses with C grades on the advancement-to-candidacy application.

## Concentrations

### ARCTIC SECURITY

Code	Title	Credits
<b>Arctic Security Concentration Requirements</b>		
Complete the following:		
HSEM F621	Circumpolar Competition-Arctic Diplomacy and Defense	3
HSEM F622	Arctic Strategies and Operations	3
HSEM F692	Security and Disaster Management Seminar	3
or ACNS F652	International Relations of the North	
Complete two approved electives at the F400 or F600 level		6
<b>Total Credits</b>		<b>15</b>

### BUSINESS CONTINUITY

Code	Title	Credits
<b>Business Continuity Concentration Requirements</b>		
Complete three of the following:		
HSEM F632	Project Management	
HSEM F645	Crisis Management	
HSEM F646	Business Continuity and Risk Assessment	
HSEM F647	Business Continuity Audit	
Complete two approved electives at the F400 or F600 level		6
<b>Total Credits</b>		<b>15</b>

### CLIMATE SECURITY

Code	Title	Credits
<b>Climate Security Concentration Requirements</b>		
Complete the following:		
HSEM F670	Environmental Security	3
HSEM F672	Climate Catastrophes: A Case Study Approach	3
HSEM F673	Models and Scenarios for Disaster Risk Reduction	3
Complete two approved electives at the F400 or F600 level		6
<b>Total Credits</b>		<b>15</b>

### CYBERSECURITY

Code	Title	Credits
<b>Cybersecurity Concentration Requirements</b>		
Complete the following:		
HSEM F641	Information Assurance and Risk Assessment	3

HSEM F648	Perspectives in Addressing Cybersecurity & Critical Infrastructure	3
HSEM F649	Cyber Threats and Vulnerabilities	3
Complete two approved electives at the F400 or F600 level		6
<b>Total Credits</b>		<b>15</b>

## DISASTER MANAGEMENT

Code	Title	Credits
<b>Disaster Management Concentration Requirements</b>		
Complete three of the following:		9
HSEM F605	Community Planning in Emergency Management	
HSEM F613	International Disaster Management	
HSEM F632	Project Management	
HSEM F665	Strategic Collaboration	
Complete two approved electives at the F400 or F600 level		6
<b>Total Credits</b>		<b>15</b>

## STEM

This concentration may require some courses to be taken in residence.

Code	Title	Credits
<b>STEM Concentration Requirements</b>		
Students will take three graduate-level courses in their approved STEM field. These courses must be approved by the MSDM advisor.		9
Complete two approved CBSM electives at the F400 or F600 level.		6
<b>Total Credits</b>		<b>15</b>

## STRATEGIC LEADERSHIP

Code	Title	Credits
<b>Strategic Leadership Concentration Requirements</b>		
Complete the following:		
HSEM F632	Project Management	3
HSEM F656	Strategic Leadership	3
HSEM F665	Strategic Collaboration	3
Complete two approved electives at the F400 or F600 level		6
<b>Total Credits</b>		<b>15</b>