



COLLEGE OF BUSINESS AND
SECURITY MANAGEMENT

University of Alaska Fairbanks

MASTER OF SECURITY & DISASTER MANAGEMENT

DEGREE

Master of Security and Disaster
Management (MSDM)

CONCENTRATIONS

Arctic Security
Business Continuity
Climate Security
Cybersecurity
Disaster Management
STEM
Strategic Leadership

Making a Difference.

The MSDM program provides both aspiring and existing Homeland Security and Emergency Management professionals the education needed to lead and manage from the operational to strategic levels within their chosen career field.

PROGRAM AT A GLANCE

All students, regardless of concentration, complete five core courses intended to prepare you for a career in Security and Disaster Management:

- HSEM F601 Legal Aspects of Homeland Security and Emergency Management
- HSEM F603 Disaster Management Policy
- HSEM F607 Vulnerability and Protection
- HSEM F609 Human Security
- HSEM F690 Capstone - Security and Disaster Management

Students then choose one of seven concentrations that best fit you and your career trajectory: **Arctic Security, Business Continuity, Climate Security, Cybersecurity, Disaster Management, STEM** (science, technology, engineering and mathematics) or **Strategic Leadership**.

IS THIS FOR YOU?

Do you want to make a difference? The MSDM program typically has an average of 50 students enrolled at any given time. Students come from various backgrounds and are not required to have experience in homeland security or emergency management. Our students range from recent college graduates to those with decades of career experience. While some have ties to Alaska and its friendly community and outdoors lifestyle, others reside across the U.S. and the globe. UAF is a military-friendly school and we are proud to have a large number of active duty military and veterans among our student body.



APPLICATION INFORMATION

Considering applying?

View admissions requirements and learn about the process on our website, or contact the CBSM Graduate Advisor, Angel Buchanan, at aebuchanan@alaska.edu for more information. Most students can apply without completing the GRE or GMAT, based on your undergraduate GPA and background,

MSDM CONCENTRATIONS



ARCTIC SECURITY

Gain an understanding of the Arctic's unique economic and governance systems to become better prepared to strategically secure this vulnerable part of our nation. Course topics include strategies, operations, diplomacy and international relations.

BUSINESS CONTINUITY

Learn how to prepare for and recover from a business crisis or disaster. Work with established business and industry experts during your journey. Course topics include crisis management, business continuity and project management.

CLIMATE SECURITY

Acquire the tools necessary to understand and connect climate-related hazards with impacts to people and infrastructure. Analyze effects on human, community, regional, national and international security. Course topics include climate driven catastrophes and case studies and the application of models, scenarios and techniques to improve data driven decisionmaking.

CYBERSECURITY

Focus on learning the managerial components and decision-making skills needed in the critical cybersecurity field. Course topics include information assurance, cyber threats and addressing critical infrastructure.



DISASTER MANAGEMENT

Learn the components of disaster response and recovery that emergency management professionals require to make critical decisions and manage during a crisis or disaster. Course topics include community planning and hazard mitigation, response coordination, project management and strategic collaboration.

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)

Build on your undergraduate STEM degree! Your valuable field is paired with the development of homeland security and emergency management doctrine and policy to enhance critical thinking and analysis skills in an area unique to you.

STRATEGIC LEADERSHIP

Combine your unique professional experience with strategic leadership concepts to prepare you for leadership roles throughout your career. Courses include project management, strategic leadership and strategic collaboration.



UAF College of Business
& Security Management

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