



- B. Brief statement of the proposed program, its objectives and career opportunities. It is essential that the objectives of the program be clearly identified so that the activity may be evaluated in terms of how successfully it fulfills its stated objectives. Continued from Cover...

Career opportunities resulting from the MSDM include:

Promotion, resulting from an advanced degree for those who lead and manage first responders or others who serve in HSEM organizations. These organizations include the fire service, various branches of law enforcement and governmental agencies such as the TSA, FEMA, DHS regional commands, various state and executive agencies including for example, Alaska Dept of Public Safety, Dept of Natural Resources. Advanced degrees are not common in these fields and, therefore, there is strong demand for graduates.

II. Identification of the Program

A. Description of the Program

- 1. Program title:

Master of Security and Disaster Management (MDSM)

- 2. Credential level of the program, if appropriate

N/A

- 3. Admissions requirements and prerequisites

a) A bachelor's degree from an accredited institution.

b) All applicants must submit results from the Watson-Glaser Critical Thinking exam. Additional testing may be required for course placement.

c) Applicants with an undergraduate GPA below 2.75 will be reviewed by the HSEM admission committee

- 4. Course descriptions of required and recommended elective courses

HSEM F601 Legal Aspects of Homeland Security & Emergency Mgmt

Homeland security and emergency management (HSEM) are heavily regulated by DHS, C executive agency guidelines and various federal and state laws and regulations. Participants in emergency planning and execution, are, themselves, subject to myriad laws and regulations while executing their response functions but in the way they coordinate and interact with other responders whose authorities may differ from their own. This course examines the applicable statutory, regulatory and policy aspects regulating HSEM. It begins with an overview of the

Constitution, Separation of Powers and Federalism is the foundation that defines the legal basis for federal, state, tribal and local action before, during and after emergency and contingency management. With this background, the course focuses on relevant states such as the Stafford Act, the Economy Act Insurrection Act, Posse Comitatus Act, and those relating to governmental and individual liability/defenses while performing emergency and contingency management. *Prerequisite: Must be admitted to the MSDM program; or permission of the HSEM Program Director.*

HSEM F603 Disaster Management Policy

This course will provide context for and contemporary coverage of the fields of disaster management and homeland security. Emphasis will be placed on the role of personnel at all levels; federal, state and local. This can include scientists, engineers, civil and military, elected/appointed officials, and first responders. The course will explore how social science research can be usefully applied to policy development and everyday practice. Students will discuss and review public policy, organizational management and leadership issues they will face as future practitioners and leaders in the field. *Prerequisites: Must be admitted to MSDM program; or permission of the HSEM Program Director.*

HSEM F605 Community Planning in Emergency Management

This course will teach students how community and urban planning principles affect the homeland security and emergency management enterprise. This class is designed with both the traditional emergency manager and urban/community planner in mind to provide a wider perspective as to the larger considerations of urban and community planning in the planning of preparedness. Students will be taught the application of urban community planning methodologies, policies, programs and activities in the context of emergency management. This is an advanced class with the assumption that students have a foundational understanding of basic emergency management and/or homeland security. *Prerequisites: must be admitted to MSDM program; or permission of HSEM Program Director.*

HSEM F607 Vulnerability and Protection

This course examines security as a discipline and responsibility. The key focus of security is the protection of assets, whether in the public or private sector. It also includes management principles and concepts that practitioners can use to develop defensible and resilient operations, communities and businesses. The course explores the relationship of security to vulnerability and its role in the overall management of risk. It delves into the functions and responsibilities of security practitioners in public and private organizations, and broaches key aspects of institutional security concerns, including control of access, terrorist attack, critical infrastructure protection, insider threats and workplace violence. The course touches on the evolving nature of the homeland security enterprise and of protective concerns within a global context. *Prerequisites: must be admitted to MSDM program; or permission of HSEM Program Director.*

HSEM F609 Human Security

This course introduces and reviews of the major elements of human security. The term *human security* provides a human-centric approach to understanding, enhancing and sustaining the security of the individual, as well as our families, communities and nation. A human-centric framework shifts the lens from viewing manmade and natural security challenges – such as 9/11, the Boston Marathon bombing, Hurricane Katrina, and Avian Flu and Ebola – as event- or government-centric. Students will examine *atraditional* security influencers, such as public and mental health, climate change, population and pathogen migration, side by side with traditional national security and natural hazards. *Prerequisites: must be admitted to MSDM program; or permission of HSEM Program Director.*

become solution-enablers rather than objects demanding security and response resources?

Prerequisites: must be admitted to MSDM program; or permission of HSEM Program Director

HSEM F632 Project Management

This course is designed to cover key components of project management ~~with~~ ^{and} emphasis on the project lifecycle, project definition, project schedule and cost management, human resource allocation, and the challenges facing project managers in every industry. We will focus on concepts, theories, and best practices, while discussing managing and leading project teams in complex environments.

Prerequisites: must be admitted to MSDM program; or permission of HSEM Program Director

HSEM F665 Strategic Collaboration

This course is designed to explore the techniques of collaboration and communication and their strategic use in managing contemporary organizations. Students will identify their 0 Tw 8.93

- b. Include a proposed general catag layout copy of the program with short descriptive paragraph.

In a post9/11 environment, the challenges faced by emergency management

- HSEM F632 Project Management.....3
- HSEM F665 Strategic Collaboration.....3
- 7. Complete 6 credits from the following:.....6
 - HSEM F613 International Disaster Management.....3
 - HSEM F692 MSDM Seminar (may be repeated when topic changes).....3
 - Any 400-level HSEM course not previously taken as an undergraduate....3
- 8. Up to 6 graduate level credits may be transferred from: The National Fire Academy, FBI National Academy or Command and General Staff College or similar approved ACE graduate credit. These may substitute for 6 credits from (7) above.
- 9. Complete HSEM F690 Security and Disaster Management Capstone3

Educate: The program objectives clearly show that HSEM intends to educate students at the graduate level. They will learn practical skills and management skills in a field that is important to communities both in Alaska and elsewhere.

Prepare: The HSEM program is grounded in workforce development. Programs such as fire science and EMT are career tracks in practical fields. The MSDM program extends that practical education providing additional career and promotional opportunities for Alaskans and others in technical fields.

Discover: Through directed and independent research, students will develop best practices for providing leadership and management organizations at the local, regional, state and national levels, here in the North and elsewhere.

Connect: Many practitioners of emergency management are currently in rural communities where the opportunities to advance their education and careers are not available. The MSDM program relies on online methodology to reach those practitioners and bring the advanced level of planning and preparedness to them. These graduates will be prepared to work in Tribal, state and federal organizations as well as private industry and will understand and be prepared for the strategic collaboration necessary to provide for our collective public safety in rural Alaska and elsewhere. The Department of Veterinary Medicine is interested in having its students complete the MSDM so when the vets go out to communities they have an additional way to connect with rural Alaska.

Serve: The proposed MSDM program extends the reach of these practitioners already provide. By their nature, students in the emergency and security management fields are public servants. They are committed to the communities in which they live and serve. The courses in this program give them the requisite skills needed for leadership and management roles at the operational, strategic levels and to better support those communities they serve.

Homeland Security and Emergency Management (HSEM) enterprise. To encourage their understanding of policy and the implementation as law within their organizations.

management in this field.

III. Personnel Directly Involved with Program

- A. List of faculty involved in the program including brief statement of duties and qualifications

Cameron Carlson, HSEM program Director, SSHRP Director
Instructor Duties include oversight of the Center for the Study of Security, Hazards, Response and Preparedness, oversight of undergraduate Bachelor of Emergency Management program, teaching various courses within the HSEM program. Resume included in proposal packet.

Sean McGee, Instructor, HSEM Outreach Coordinator
Duties include teaching various courses within the BEM program, teaching courses for TSA contracts, HSEM program outreach and recruitment. Resume included in proposal packet.

Other faculty will be adjuncts with operational specialties in their field from around the country. Personnel from FEMA, state and other federal agencies and private organizations bring specific expertise to this program.

- B. Administrative and coordinating personnel

Francine Davis, MBA
Fiscal Officer, School of Management, UAF

Anita Hughes, MBA, MS
HSEM/ MBA Programs Manager, UAF

- C. Classified Personnel
SQM office staff as necessary

We have several out-of-state prospects who likewise have indicated interest in the program including several who previously graduated from UAF with the BEM degree. Veterans and active duty soldiers are a large component of the BEM degree. We anticipate that, because this degree can be earned online, word will go around those communities and that will help drive enrollment.

B. How determined/who surveyed/how surveyed (Student interest petition)

This was determined through an informal query and subsequent conversations with students currently enrolled in undergraduate BEM courses, through independent questions by students about a graduate program. In addition, the BEM faculty have many professional contacts in the field including professional organizations and they have indicated an interest in having such a program available to their employees for professional development.

C. Minimum enrollments to maintain program for years 1 (15), 2 (15), 3, (15) 4, (15) and 5 (15)

However, projected enrollment is as follows: year 1 (15), 2 (20), 3, (25) 4, (25) and 5 (25)

The Veterinary Medicine program has indicated an interest in having their students take the MSDM program. We do not have any potential enrollment estimates from them, therefore these numbers are exclusive of that group.

D. Maximum enrollment which program can accommodate

The program as currently planned and staffed could accommodate up to 25 students per semester for a total of 50 students annually.

E. Special restrictions on enrollments

No special restrictions on enrollments as currently envisioned. In order to maintain the quality of the overall instructional intent of the program, we will need to

interested in the MSDM degree do not have alternative options for graduate work. These students have specialized backgrounds and goals which is connected to this degree specifically. Therefore the program will not pull students from other programs.

The MSDM degree is fully contained within the School of Management, HSEM department. It does not require students to take courses in other departments so there will not be any risk of overload of other courses or competition with students for space in other department courses.

Two courses, Strategic Collaboration and Project Management will contain units specifically for Emergency Managers addition to the application. (y)20(c) ot* ()Tj 2.25 0 T9 2 n Td [(T)1(hm)-6(er)-11(g)-4(en-13.9(10(y)26(M)-15(an)-4 ae

our faculty to maintain the connectivity and professional experience needed to remain current within the HSEM enterprise. This same work has provided our student population the opportunity to participate in a number of training, planning and preparedness initiatives providing them real world experience in preparation for employment. This is certainly part of both the “Prepare” and “Serve” purposes of the University.

Budget Support Documentation for Prospectus and Format 3 Proposal

E. Budget:

1. The budget projections (revenue and expenditures) for each of the first three years of operation:

MSDM Projected Revenues:

	FY16	FY17	FY18
Unrestricted:	Year 1	Year 2	Year 3
General Fund (includes \$145k strategic reallocation and \$145k match from SOM)	\$290,000	\$290,000	\$290,000

MSDM Projected Expenses:

FY16	FY17	FY18
Year 1	Year 2	Year 3

2. Revenue and expenditures associated with the change itself:

MSDM Projected Revenues:

FY15

MSDM Projected Expenses:

FY15

3. Institutional financial support to be reallocated to accommodate the change:

The School of Management received a permanent Strategic Reallocation of \$75,000 in FY15 and an additional \$70,000 in FY16 (for a total of \$145,000) for the online MSDM program. The SOM will match the reallocation with existing resources and increased tuition revenue. No additional resources outside of the SOM will be required.

4. The budgetary and financial implication of the change for the entire institution:

Initial costs are covered by student tuition. There is negative budgetary or financial implication for the entire institution.

UNIVERSITY OF ALASKA FAIRBANKS
SCHOOL OF MANAGEMENT (SOM)
HOMELAND SECURITY AND EMERGENCY MANAGEMENT (HSEM) PROGRAM
PROSPECTUS—MASTER OF SECURITY AND DISASTER MANAGEMENT

A. MISSION AND GOALS:

Mission: The mission of the online Master of Security and Disaster Management (MSDM) program is to provide both aspiring and existing homeland defense/security and emergency management practitioners the education needed to lead and manage at the operational to strategic levels within their chosen career field.

Leveraging the education provided within the bachelor of emergency management (BEM) degree, the master's degree requires an extended level of synthesis and integration of the critical thinking and analysis skills required for managers and leaders in the homeland defense/security and emergency management enterprise. The program builds upon the experience and education of the undergraduate degree.

12.01.01-12.01.02-12.01.03-12.01.04-12.01.05-12.01.06-12.01.07-12.01.08-12.01.09-12.01.10-12.01.11-12.01.12

C. EDUCATIONAL OFFERINGS:

Descriptive information for Master of Security and Disaster Management degree:

Complete the admission process including:

1. a) Applications will be reviewed on a continuous basis
b) Applicants must submit a score from the Watson-Glaser Critical Thinking exam
2. Complete the general university requirements
3. Complete the master's degree requirements
4. If a student earns grades of two C's, one D, or one F in courses that are part of his/her HSEM program, the student will no longer be in good standing in the HSEM program even if his/her cumulative GPA remains 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 their Advancement to Candidacy application. An A or B grade must be earned in F400-level courses.
5. Students without a background in HSEM will be required to take HSEM F301, Principles of Emergency Management & Homeland Security. This course will not count toward the MSDM program. In addition, students without a background in HSEM may be required to take up to 2, 400-level HSEM courses that are prerequisites for specific 600-level courses. When this is required, the 400-level courses will count as a 400-level elective in the program.
6. Complete the following HSEM courses:

HSEM F601	Legal Aspects of Homeland Security & Emergency Mgmt.....	3
HSEM F603	Disaster Management Policy.....	3
HSEM F605	Community Planning in Emergency Management.....	3
HSEM F607	Vulnerability and Protection.....	3
HSEM F609	Human Security.....	3
HSEM F632	Project Management.....	3
HSEM F665	Strategic Collaboration.....	3
7. Complete 6 credits from the following:.....6

HSEM F613	International Disaster Management.....	3
HSEM F692	MSDM Seminar (may be repeated when topic changes).....	3
Any 400-level HSEM course not previously taken as an undergraduate.....		3
8. Up to 6 graduate level credits may be transferred from: The National Fire Academy, FBI National Academy or Command and General Staff College or similar approved ACE graduate credit. These may substitute for 6 credits from (7) above.
9. Complete HSEM F690 Security and Disaster Management Capstone3
10. Total credits for degree.....30

1. COURSE DESCRIPTIONS

HSEM F601 Legal Aspects of Homeland Security & Emergency Mgmt

Homeland security and emergency management (HSEM) are heavily regulated by US Code, executive agency guidelines and various federal and state laws and regulations. Participants in emergency planning and execution, are, themselves, subject to myriad laws and regulations while executing their response functions but also in the way they coordinate and interact with other responders whose authorities may differ from their own. This course examines the applicable statutory, regulatory and policy aspects regulating HSEM. It begins with an overview of the

management. With this background, the course focuses on relevant statutes such as the

communication style and how to deploy it in various managerial situations. Topics will include exploring individual personality type and the effect of type on collaborative style, identifying the purposes for types of communication, conflict and collaboration, the presentation of data and

Introduction to Homeland Security (HSEM F221)

David Kang

M.S., Global Supply Chain Management, University of Alaska Anchorage

FEMA Response Directorate
Regional Planning Branch Chief

State of AK, DMVA/DHS&EM
Program Manager, Planning
Program Manager, Operations
Program Manager, Exercise/Training/Homeland Security Grants

Alaska Army National Guard
Platoon Leader/Battle Captain, 1-297th Infantry Battalion

Major Projects

Community Security Vulnerability Assessment
Governor's Climate Change, Immediate Action Workgroup
State of Alaska Hazard Mitigation Plan Update
State of Alaska Emergency Operation Plan Update

FEMA/National Fire Academy:
Emergency Response to Terrorism, Train-the-Trainer Program

American Red Cross
Damage Assessment Specialist

Sandia National Laboratories
Risk Assessment Methodology

HAZMAT Incident Commander

Kurt Didier

M. S. Strategic Studies, Air War College
J.D., Loyola Law School, Los Angeles, CA

United States Department of Justice,
Assistant United States Attorney

US Army Judge Advocate General's Corps (USA JAGC),
Staff Judge Advocate,
Deputy Staff Judge Advocate

Dept. of the Army
Special Assistant U.S. Attorney,

Publications:

Construction Contracting and the New Two-Phase Design-Build Procedures, 27 PUB. CON. L. J. 589 (1998).

"Diplomacy and Libya: Balancing Foreign Policy with Private Party Litigation," *Diplomacy and Statecraft*, Vol. 22, No. 2, Jun 2011, 338-349.

"Colin Powell, Decisive Force and the 1989 DC -27.313 -0w 7.312 Tc 0.0019.482 8 Td ()Tj [(i)3.2(c)ltOOa

Master of Security and Disaster Management

3-year Plan. Students may begin either Fall or Spring semesters.

Fall XX (Year 1)

HSEM F601 Legal Aspects of Homeland Security and Emergency Management
HSEM F603 Disaster Management Policy
HSEM F607 Vulnerability and Protection

Spring XX

HSEM F605 Community Planning in Emergency Management
HSEM/MBA F632 Project Management
HSEM F690 Security and Disaster Management Capstone

Summer XX

HSEM F609 Human Security
HSEM F692 Seminar in Security and Disaster Management
HSEM/MBA F665 Strategic Collaboration

Several 400-level electives available each semester at the students' option

Fall XX (Year 2)

HSEM F601 Legal Aspects of Homeland Security and Emergency Management
HSEM F603 Disaster Management Policy
HSEM F607 Vulnerability and Protection

Spring XX

HSEM F605 Community Planning in Emergency Management
HSEM/MBA F632 Project Management
HSEM F690 Security and Disaster Management Capstone

Summer XX

HSEM F609 Human Security
HSEM F692 Seminar in Security and Disaster Management
HSEM/MBA F665 Strategic Collaboration

Several 400-level electives available each semester at the students' option

Fall XX (Year 3)

HSEM F601 Legal Aspects of Homeland Security and Emergency Management
HSEM F603 Disaster Management Policy
HSEM F607 Vulnerability and Protection

Spring XX

HSEM F605 Community Planning in Emergency Management
HSEM/MBA F632 Project Management
HSEM F690 Security and Disaster Management Capstone

Summer XX

HSEM F609 Human Security
HSEM F692 Seminar in Security and Disaster Management
HSEM/MBA F665 Strategic Collaboration

Several 400-level electives available each semester at the students' option

Student Learning Outcomes Assessment Plan
 School of Management
 Master of Security and Disaster Management (proposed)
 2015

Objectives/Outcomes	Assessment Criteria and Procedures	Implementation (what, when, who)
EM Program Impacts Students should be able to identify and use the different	<u>Instrument:</u> Embedded questions in Unit Quizzes <u>Rubric:</u> will be developed and	Data collected from HSEM F605, Community Planning in Emergency Management. Same questions every

Critical Thinking

Students should be able to demonstrate independent, strategic and critical thinking skills

Instrument: Watson Glaser Test (WG)

Rubric: The WG rubric is internal to the exam with percentiles and ranges reported for students vs. peer groups.

Min. Standard: The WG minimal standards are that 100% of the students achieve an overall percentile of 50% or better compared to the norm group of "bachelor's degree" and/or a score of 25/40 or better.

Students are tested at time of Admission and will be tested again using the same instrument in the final, capstone course.