

HOMELAND SECURITY AND EMERGENCY MANAGEMENT

School of Management
Department of Homeland Security and Emergency Management
907-474-7461
www.uaf.edu/som/degrees/undergraduate/bem

BEM Degree

Minimum Requirements for Degree: 120 credits

In a post 9/11 environment, the challenges faced by emergency management and homeland security professionals have reached unprecedented levels. As we experience an increase in the frequency, complexity and severity of man-made, natural and technological disasters, ever-increasing demands have been placed on emergency professionals and the skill sets required to succeed. Today, more so than ever before, the integration of federal, state and local resources, and communication and collaboration has become the norm. Issues concerning terrorism, critical infrastructure protection/management, risk, business continuity, fire, hazardous materials, law enforcement, public health and safety are no longer domains unto themselves but part of the new fabric of this highly integrated and complex environment. Consequently, more is now required and expected of our traditional first responders and those charged with the leadership and management roles of these individuals and organizations.

The bachelor of emergency management program focuses on development of skill sets required to lead and manage individuals and organizations in an increasingly complex environment. The program builds upon an individual's technical capabilities derived from education, training and experience in fire, law enforcement, military or other related fields. This technical expertise is then combined with a curriculum of business administration and emergency management, and homeland security instruction. This focus provides students with the operations management knowledge to lead and manage individuals, departments or agencies on a day-to-day basis while simultaneously preparing them to excel and lead during times of crisis at the local, regional, national or international levels. This degree is built specifically to meet the needs of those who provide administrative oversight, supervisory control, leadership or management roles within the fields of fire, law, emergency medical services, and security (to include other related fields) at the local, state, federal and international levels. The degree also provides those at the responder level the opportunity to further their education, increase their competitive advantage for promotion and advance their operational understanding of the highly integrated emergency management and homeland security environment of today.

Major — BEM Degree

- Complete the general university requirements. (See page 131. As part of the core curriculum requirements, complete MATH F107X* or MATH F161X*.)
- Complete the BEM degree requirements (page 137)*.
 - Complete 33 credits of major requirements from the emergency services AAS degree from UAF or any regionally accredited institution within these subject areas: emergency/para-medical, environmental health and safety, fire science, law enforcement, network/cyber security, process technology, public safety or wildland fire, or commensurate military credit from the above subject areas as approved by the program director, with a cumulative GPA of 2.25 or higher.
 - Complete the following:*

ACCT F261—Principles of Financial Accounting.....	3
BA F307—Introduction to Human Resources Management.....	3
BA F343—Principles of Marketing.....	3
BA F390—Organizational Theory and Behavior.....	3
BA F457—Training and Management Development.....	3
ECON F201—Principles of Economics I: Microeconomics.....	3

ED F486O/2—Media Literacy	3
ENGL F314W,O/2—Technical Writing	3
STAT F200X—Elementary Statistics	3

- Complete the following (major) courses:*

HSEM F301—Principles of Emergency Management and Homeland Security.....	3
HSEM F412—Emergency Planning and Preparedness	3
HSEM F423—Disaster Response Operations and Management.....	3
HSEM F434—All Hazards Risk Analysis	3
HSEM F445W, O/2—Business Continuity and Crisis Management.....	3
HSEM F456W—Leadership and Influence During Crisis	3

- Complete 3 credits from the following:*

BA F317W—Employment Law	3
BA F452W—Internship in Emergency Management.....	3
BA F490—Services Marketing	3
COMM F300X—Communicating Ethics	3
COMM F335O—Organizational Communications	3
COMM F353—Conflict, Mediation, and Communication	3

- Minimum credits required 120

* Students must earn a C- grade or better in each course.

Note: Of the above, at least 39 credits must be taken in upper-division (F300-level or higher) courses.

Note: Must take two upper-division writing intensive and one upper-division oral intensive course(s).

Minor

Emergency Management

- Complete the following:*

HSEM F301—Principles of Homeland Security and Emergency Management.....	3
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- Complete three of the following:*

HSEM F412—Emergency Planning and Preparedness	3
HSEM F423—Disaster Response Operations and Management.....	3
HSEM F434—All Hazards Risk Analysis	3
HSEM F445W, O/2—Business Continuity and Crisis Management.....	3
HSEM F456W—Leadership and Influence During Crisis	3
- Complete at least 3 credits from the following:*

BA F317W—Employment Law	3
BA F452W—Internship in Emergency Management.....	3
BA F490—Services Marketing	3
COMM F335O—Organizational Communications	3
COMM F353—Conflict, Mediation, and Communication	3
GEOS F120X—Glaciers, Earthquakes and Volcanoes: Past, Present and Future.....	4**
GEOS/GEOG F222—Fundamentals of Geospatial Sciences (3) or course(s) pre-approved by the program director.....	3

- Minimum credits required 15

* Students must earn a C- grade or better in each course.

** May be used to satisfy half of the core science requirement.

Military Security Studies

- Complete 10 credits of MILS electives, as approved by the program director, Homeland Security and Emergency Management.*
- Complete two of the following:*

HSEM F301—Principles of Emergency Management and Homeland Security.....	3
HSEM F412—Emergency Planning and Preparedness	3
HSEM F423—Disaster Response Operations and Management.....	3
HSEM F434—All Hazards Risk Analysis	3
HSEM F445W, O/2—Business Continuity and Crisis Management.....	3
HSEM F456W—Leadership and Influence During Crisis	3
MILS F442—History of the American Military (3) or course(s) pre-approved by the program director.....	3
- Minimum credits required 16

* Students must earn a C- grade or better in each course.

Baccalaureate Core Requirements

Communication 9 Credits

- ENGL F111X—Introduction to Academic Writing.....(3)
ENGL F190H may be substituted.

Complete one of the following:

- ENGL F211X—Academic Writing about Literature.....(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences.....(3)

Complete one of the following:

- COMM F131X—Fundamentals of Oral Communication: Group Context.....(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context.....(3)

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Perspectives on the Human Condition 18 Credits

Complete all of the following four courses:

- ANTH F100X/SOC F100X—Individual, Society and Culture.....(3)
- ECON F100X or PS F100X—Political Economy.....(3)
- HIST F100X—Modern World History.....(3)
- ENGL/FL F200X—World Literature.....(3)

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Complete one of the following three courses:

- ART/MUS/THR F200X—Aesthetic Appreciation: Interrelationship of Art, Drama and Music.....(3)
- HUM F201X—Unity in the Arts.....(3)
- ANS F202X—Aesthetic Appreciation of Alaskan Native Performance.....(3)

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Complete one of the following six courses:

- BA F323X—Business Ethics.....(3)
- COMM F300X—Communicating Ethics.....(3)
- JUST F300X—Ethics and Justice.....(3)
- NRM F303X—Environmental Ethics and Actions.....(3)
- PS F300X—Ethics and Society.....(3)
- PHIL F322X—Ethics.....(3)

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Or complete 12 credits from the above courses plus one of the following:

- Two semester-length courses in a single Alaska Native language or other non-English language
- Three semester-length courses (9 credits) in American Sign Language taken at the university level.

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Mathematics 3 Credits

Complete one of the following:

- MATH F103X—Concepts and Contemporary Applications of Mathematics.....(3)
 - MATH F107X—Functions for Calculus*.....(4)
 - MATH F161X—Algebra for Business and Economics**.....(3)
 - STAT F200X—Elementary Probability and Statistics.....(3)
- * No credit may be earned for more than one of MATH F107X or F161X.

Or complete one of the following*:

- MATH F200X—Calculus I**.....(4)
- MATH F201X—Calculus II.....(4)
- MATH F202X—Calculus III.....(4)
- MATH F262X—Calculus for Business and Economics.....(4)
- MATH F272X—Calculus for Life Sciences.....(4)

* Or any math course having one of these as a prerequisite

** No credit may be earned for more than one of Math F200X, F262X or F272.

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Natural Sciences 8 Credits

Complete any two (4-credit) courses.

- ATM F101X—Weather and Climate of Alaska.....(4)
- BIOL F100X—Human Biology.....(4)
- BIOL F101X—Biology of Sex.....(4)
- BIOL F103X—Biology and Society.....(4)
- BIOL F104X—Natural History.....(4)
- BIOL F115X—Fundamentals of Biology I.....(4)
- BIOL F116X—Fundamentals of Biology II.....(4)
- BIOL F120X—Introduction to Human Nutrition.....(4)
- BIOL F213X—Human Anatomy and Physiology I.....(4)
- BIOL F214X—Human Anatomy and Physiology II.....(4)
- CHEM F100X—Chemistry in Complex Systems.....(4)
- CHEM F103X—Basic General Chemistry.....(4)
- CHEM F104X—Beginnings in Biochemistry.....(4)
- CHEM F105X—General Chemistry.....(4)
- CHEM F106X—General Chemistry.....(4)
- GEOG F111X—Earth and Environment: Elements of Physical Geography.....(4)
- GEOS F100X—Introduction to Earth Science.....(4)
- GEOS F101X—The Dynamic Earth.....(4)
- GEOS F106X—Life and the Age of Dinosaurs.....(4)
- GEOS F112X—History of Earth and Life.....(4)
- GEOS F120X—Glaciers, Earthquakes and Volcanoes.....(4)
- GEOS F125X—Humans, Earth and Environment.....(4)
- MSL F111X—The Oceans.....(4)
- PHYS F102X—Energy and Society.....(4)
- PHYS F103X—College Physics.....(4)
- PHYS F104X—College Physics.....(4)
- PHYS F115X—Physical Science I.....(4)
- PHYS F175X—Astronomy.....(4)
- PHYS F211X—General Physics.....(4)
- PHYS F212X—General Physics.....(4)
- PHYS F213X—Elementary Modern Physics.....(4)

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Library and Information Research 0 – 1 Credit

- Successful completion of library skills competency test or LS F100X or LS F101X prior to junior standing

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Upper-Division Writing and Oral Communication

Complete the following at the upper-division level:

- Two writing intensive courses designated (W) and one oral communication intensive course designated (O), or two oral communication intensive courses designated (O/2) (see degree and/or major requirements)

Total credits required 38 – 39

All degrees (e.g. B.A., B.S., etc.) require additional courses.

Refer to specific degree and program requirements.

Students must earn a C- grade or better in each course used toward the baccalaureate core.