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ORIENTATION  
FOR MINORS

## 4 Reasons to Get an Emergency Management Minor

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**One: At no other time in history has the study and practice of emergency management been more important.** Hurricanes, floods, wildfires and other catastrophes combined in 2017 to make it the most disaster intensive and costly year on record and the numbers for 2018 are not far behind. These events are significant beyond numbers; they negatively affect people, families, businesses, and communities in immeasurable and significant ways. The curriculum is designed to provide students the opportunity to learn about hazards, vulnerabilities, the events that result from them, and what individuals and households, organizations, and government can do to reduce the impact these events have on us. Our graduates go out into organizations and government agencies across the country and lead the entities they serve in their efforts to address these issues.

**Two: The Department of Emergency Management is at the forefront of the nation's ongoing work to improve how we deal with these events before, during, and after they occur.** NDSU's Department of Emergency Management is the only department of its kind to be supported by scholars in emergency management. The majority of the faculty hold a doctoral degree in emergency management. Through our combined efforts, we are transforming how people learn about hazards, vulnerabilities, and the emergencies, disasters, catastrophes, and complex humanitarian crises that result from them. Our faculty are known internationally for our research, our leadership in developing higher education programs in emergency management, and our ongoing efforts to partner with practitioners and professional organizations in the field.

**Three: We offer one of the top undergraduate programs in the country.** The students who study with us expand their knowledge in an exciting, cutting edge, evidence-based way while also building essential skills (e.g., facilitation, leadership, collaboration, public speaking), and are challenged to engage in professional development beyond the classroom (i.e., service learning and other applied projects). The face-to-face nature of our program ensures students enjoy a dynamic experience and a sense of belonging while also providing faculty the opportunity to act as close mentors, not just as passive instructors.

**Four: Our approach to education leads to job placement at graduation.** Students graduating with our minor report getting jobs in their respective major fields in part due to the unique skills and knowledge their minor provided them—skills and knowledge that set them apart from competitors for their position. Regardless of our graduates' title and the setting in which they work, they are the ones who are sustaining our Department's reputation as one of the leading programs in the nation.

We've got three different minor options available. Each is an ideal companion to a variety of career paths. Check them out!

# Emergency Management Minor: Homeland Security Option

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The nation faces threats: transnational and domestic terrorism, data breaches, cybersecurity issues, failing infrastructure and natural disasters. These threats are constantly evolving, requiring an educated and adaptable workforce to respond. The Homeland Security minor option is designed to prepare you to be part of that knowledgeable and nimble workforce.

## Sample Good Fit Careers

- ✓ Federal Law Enforcement (e.g., Bureau of Alcohol, Tobacco, Firearms, and Explosives, Drug Enforcement Agency, Customs and Border Protection, Federal Bureau of Investigation).
- ✓ State and Local Law Enforcement (e.g., Highway Patrol, Sheriff, Police)
- ✓ Intelligence Specialist (e.g., Central Intelligence Agency, Federal Bureau of Investigation, National Security Agency)
- ✓ Lawyer
- ✓ Public Information Officer
- ✓ Event Planner
- ✓ Fire Fighter
- ✓ Emergency Medical Technician
- ✓ Military—Enlisted or Officer
- ✓ Elected official
- ✓ Diplomat/State Department
- ✓ Cyber Security Manager
- ✓ Security Guard or Specialist

## Curriculum requirements

Curriculum Requirements
Take the 3 courses in the required core (9 units)
<ul style="list-style-type: none"> <li>• EMGT 101: Emergencies, Disasters, and Catastrophes</li> <li>• EMGT 150 Dealing with Terrorism, Cybersecurity and Other Emerging Threats</li> <li>• EMGT 435: Issues in Homeland Security and Emergency Management</li> </ul>
Choose 1 from EM elective core (3 units)
<ul style="list-style-type: none"> <li>• EMGT 361: Disaster Preparedness</li> <li>• EMGT 363: Disaster Response</li> <li>• EMGT 425: World Disasters</li> </ul>
Choose 2 from the expanded electives list* (6 units)
<ul style="list-style-type: none"> <li>• CJ 315: Federal Law Enforcement and Crime Policy</li> <li>• COMM 434: Communication Law</li> <li>• COMM 485: Risk and Crisis Communication</li> <li>• EMGT 361: Disaster Preparedness</li> <li>• EMGT 363: Disaster Response</li> <li>• EMGT 425: World Disasters</li> <li>• POLS 120: Terrorism</li> <li>• POS 220: International Politics</li> <li>• POLS 225: Comparative Politics</li> </ul>

# Emergency Management Minor: Risk and Resilience Management Option

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Your studies in this minor option allow you to answer the questions: how do choices within organizations and communities lead to increasing impacts from hazard events? This option also empowers you to contribute to lessening such impacts in the organization or community you serve upon graduation.

The number of disasters around the world has been increasing as have the range of effects on people, property, infrastructure, businesses and the environment. This minor option focuses on understanding this trend and how to reverse it. The curriculum covers how construction, engineering, urban design and planning, environmental management and community development policies interact with hazards in positive or negative ways; how to understand and assess risks in those contexts; and how building capacity to withstand disasters is a critical part of community development.

## Sample Good Fit Careers

- ✓ Construction Manager
- ✓ Civil Engineer
- ✓ Business manager/entrepreneur
- ✓ Architect
- ✓ Landscape Architect
- ✓ Realtor
- ✓ Natural Resource Manager
- ✓ Meteorologist or Climatologist
- ✓ Real Estate Developer
- ✓ Elected Official
- ✓ Public Works Employee
- ✓ City or County Planner
- ✓ School administrator
- ✓ Hospital or healthcare administrator

## Curriculum Requirements

## Curriculum Requirements

Take the 3 courses in the required core (9 units)

- EMGT 101 Emergencies, Disasters, and Catastrophes
- EMGT 362 Disaster Mitigation
- EMGT 364 Disaster Recovery

Choose 1 from EM elective core (3 units)

- EMGT 410: Comprehensive Emergency Management Planning
- EMGT 414: Spatial Analysis in Emergency Management
- EMGT 420: Hazard, Risk, and Vulnerability Assessments
- EMGT 445: Vulnerability and Functional Needs in Emergency Management
- EMGT 463: Voluntary Agency Disaster Services

Choose 2 from the expanded electives list\* (6 units)

- COMM 484: Organizational Advocacy and Issue Management
- COMM 487: Organizational Power and Leadership
- COMM 488: Social Influence and Organizational Change
- EMGT 410: Comprehensive Emergency Management Planning
- EMGT 414: Spatial Analysis in Emergency Management
- EMGT 420: Hazard, Risk, and Vulnerability Assessments
- EMGT 445: Understanding Vulnerable Populations in Disasters
- EMGT 461: Business Continuity and Crisis Management
- EMGT 463: Voluntary Agency Disaster Services
- HDFS 310: Citizenship & Social Activism
- SOC 404: Community Assessment
- SOC 405: Community Development

# Emergency Management Minor: Vulnerability and Capacity Building Option

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Your studies in this minor option allow you to answer the questions: who suffers most in hazard events and why. This option also positions you to be part of lessening this suffering.

People around the world are increasingly affected by disasters—natural and man-made. The Vulnerability and Capacity Building minor focuses on developing knowledge about human suffering caused by these events and how that can be reduced. The curriculum covers how the most vulnerable members of society, such as children, the elderly and the poor, are affected and how nonprofits, schools, hospitals and other organizations help people in the aftermath.

## Sample Good Fit Careers

- ✓ Employee in a health or human services nonprofit organization
- ✓ Nurse
- ✓ Doctor
- ✓ Hospital or healthcare administration
- ✓ Emergency public health preparedness
- ✓ Social worker
- ✓ Counselor
- ✓ Therapist
- ✓ Community advocate or activist
- ✓ Educator
- ✓ Journalist

## Curriculum Requirements

Curriculum Requirements
Take the 3 courses in the required core (9 units)
<ul style="list-style-type: none"><li>• EMGT 101 Emergencies, Disasters, and Catastrophes</li><li>• EMGT 445 Understanding Vulnerable Populations in Disasters</li><li>• EMGT 463 Voluntary Agency Disaster Services</li></ul>
Choose 1 from EM elective core (3 units)
<ul style="list-style-type: none"><li>• EMGT 363: Disaster Response</li><li>• EMGT 364: Disaster Recovery</li><li>• EMGT 420: Hazard, Risk, and Vulnerability Assessments</li><li>• EMGT 435: Issues in Homeland Security and Emergency Management</li></ul>
Choose 2 from the expanded electives list* (6 units)
<ul style="list-style-type: none"><li>• COMM 216: Intercultural Communication</li><li>• COMM 488: Social Influence and Organizational Change</li><li>• EMGT 363: Disaster Response</li><li>• EMGT 364: Disaster Recovery</li><li>• EMGT 420: Hazard, Risk, and Vulnerability Assessments</li><li>• EMGT 435: Issues in Homeland Security and Emergency Management</li><li>• EMGT 461: Business Continuity and Crisis Management</li><li>• HDFS 135: Family Science</li><li>• HDFS 182: Wellness and Aging</li><li>• HDFS 310: Citizenship &amp; Social Activism</li><li>• HDFS 475: Children and Families Across Cultures</li><li>• SOC 235: Cultural Diversity</li><li>• SOC 410: Social Inequality</li><li>• SOC 412: Sociology of Gender</li><li>• SOC 440: Sociology of Aging</li></ul>

# Course Descriptions

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**EMGT 101. Emergencies, Disasters, and Catastrophes. 3 Credits.** An overview of emergencies, disasters, and catastrophes from a social, political, historical, policy, environmental, international and cross-cultural perspective. Focuses on differences in these events in terms of scale as well as cause from the disaster phase approach.

**EMGT 150. Dealing with Terrorism, Cybersecurity and Other Emerging Threats. 3 Credits.** Examines the historical emergence of security threats and how American society has addressed them. Topics include key homeland security concerns and approaches, events, policies, and organizational structures including relationships to emergency management.

**EMGT 222. Career and Professional Development Seminar. 3 Credits.** The identification and development of key skills and materials important to personal and professional success (including an individual development plan) and the exploration of career choices and pathways.

**EMGT 361. Disaster Preparedness. 3 Credits.** Nature and rationale for public awareness of potential hazards that communities face, preparedness for these hazards, and potential strategies to mitigate adverse consequences. Prereq: EMGT 101.

**EMGT 362. Disaster Mitigation. 3 Credits.** Role of emergency management programs in community resilience and sustainability; incorporation of preparedness, mitigation, response, and recovery in community comprehensive and strategic planning. Prereq: EMGT 101.

**EMGT 363. Disaster Response. 3 Credits.** Principles and procedures related to emergency operations plans, warning, evacuation, search and rescue, mass casualty care, sheltering, donations, management, disaster declaration, and incident debriefing. Prereq: EMGT 101.

**EMGT 364. Disaster Recovery. 3 Credits.** Examination of post-disaster policies and programs that protect the natural environment, improve disaster resistance, support diverse populations, improve economic conditions, and preserve community resources. Prereq: EMGT 101.

**EMGT 410. Comprehensive Emergency Management Planning. 3 Credits.** Educates students in the preparation of various types of emergency management plans and how to lead an effective planning process within non-profits, businesses, and/or government organizations. Prereq: EMGT 101 and any one of the following: EMGT 261, EMGT 262, EMGT 263 or EMGT 264.

**EMGT 414. Spatial Analysis in Emergency Management. 3 Credits.** This course is designed to provide emergency management students with specific disaster related applications of spatial analysis techniques in state of the art GIS software. Prereq: EMGT 101 and any one of the following; EMGT 261, EMGT 262, EMGT 263 or EMGT 264.

**EMGT 420. Hazard, Risk, and Vulnerability Assessments. 3 Credits.** Educates students in the preparation of hazard, risk, and vulnerability assessments. Prereq: EMGT 414.

**EMGT 425. World Disasters. 3 Credits.** Explores hazard events, emergency management processes and structures, and how they vary around the world.

**EMGT 435. Issues in Homeland Security and Emergency Management. 3 Credits.** An analysis of homeland security and its relationship to emergency management within the framework of evolving domestic and international hazards.

**EMGT 445. Understanding Vulnerable Populations in Disasters. 3 Credits.** The purpose of this course is to familiarize students with the concept of vulnerable special populations and its relationship to disasters, the ways members of various populations can be impacted disproportionately by these events and needs that arise as a result, and what can or should be doing to help prepare for and respond to these needs.

**EMGT 461. Business Continuity and Crisis Management. 3 Credits.** This course provides an overview of planning and management principles applicable to business or operational resumption following an emergency. The emphasis will be on minimizing the impact of a disaster on business operations.

**EMGT 463. Voluntary Agency Disaster Services. 3 Credits.** Examination of the roles played by local, state, national, and international voluntary agencies in emergency preparedness, mitigation, response, and recovery.



# Emergency Management Schedule of Courses 2020-2022

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## Fall 2020

- EMGT 101: Emergencies, Disasters, and Catastrophes (multiple face to face sections, 1 online)
- EMGT 150: Dealing with Terrorism, Cybersecurity and Other Emerging Threats
- EMGT 222: Career and Professional Development
- EMGT 362: Disaster Mitigation
- EMGT 364: Disaster Recovery
- EMGT 391: Seminar on Cyber Threats: Attacks, Terrorism, War
- EMGT 425: World Disasters
- EMGT 762: Mitigation Theory and Practice

## Spring 2021

- EMGT 101: Emergencies, Disasters, and Catastrophes (multiple face to face sections, 1 online)
- EMGT 150: Dealing with Terrorism, Cybersecurity and Other Emerging Threats
- EMGT 281: Disaster Analysis (NOTE: required for new majors as of Fall 2020, may be taken as an elective toward the 15 required for the major by majors who declared before that semester)
- EMGT 361: Disaster Preparedness
- EMGT 363: Disaster Response
- EMGT 410: Comprehensive Emergency Management Planning
- EMGT 435/635: Issues in Homeland Security and Emergency Management
- EMGT 461/661: Business Continuity and Crisis Management
- EMGT 720: Emergency Management Theory

**Scheduled Summer 2021\***

- EMGT 101: Emergencies, Disasters, and Catastrophes (online, 12 week)
- EMGT 445: Understanding Vulnerable Populations in Disasters (online, 4 week)

**Fall 2021**

- EMGT 101: Emergencies, Disasters, and Catastrophes (multiple face to face sections, 1 online)
- EMGT 150: Dealing with Terrorism, Cybersecurity and Other Emerging Threats
- EMGT 222: Career and Professional Development
- EMGT 362: Disaster Mitigation
- EMGT 364: Disaster Recovery
- EMGT 425: World Disasters
- EMGT 445: Understanding Vulnerable Populations in Disasters
- EMGT 463/663: Voluntary Agency Services in Disaster
- EMGT 763: Response Theory and Practice

**Spring 2022**

- EMGT 101: Emergencies, Disasters, and Catastrophes (multiple face to face sections, 1 online)
- EMGT 150: Dealing with Terrorism, Cybersecurity and Other Emerging Threats
- EMGT 281: Disaster Analysis (NOTE: required for new majors as of Fall 2020, may be taken as an elective by majors before that semester)
- EMGT 361: Disaster Preparedness
- EMGT 363: Disaster Response
- EMGT 410: Comprehensive Emergency Management Planning
- EMGT 435/635: Issues in Homeland Security and Emergency Management
- EMGT 461/661: Business Continuity and Crisis Management
- EMGT 761: Preparedness Theory and Practice
- EMGT 764: Recovery Theory and Practice

\*Summer offerings must have a minimum of 20 students enrolled by the end of the Spring semester in order to actually be offered.

# Resources to Get You Through

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## Stay Connected

The Department of Emergency Management works purposely to communicate with internal and external audiences. We want to ensure students know about student and faculty accomplishments, program and curricular changes, upcoming program events, conferences, training, and extracurricular opportunities, job opportunities, major and alumni job placements, and more! Information is routinely disseminated through the following forums:

- Facebook: [www.facebook.com/demndsu](http://www.facebook.com/demndsu)
- Instagram: [demndsu](https://www.instagram.com/demndsu/)
- LinkedIn: <https://www.linkedin.com/company/demndsu/>
- Website: [www.ndsu.edu/emgt](http://www.ndsu.edu/emgt)
- Listserv: Once a student, send an email to [kate.ulmer@ndsu.edu](mailto:kate.ulmer@ndsu.edu) with the address you would like included for listserv purposes

We urge you to like/follow us on as many platforms as possible so you can be sure you are getting the information you need to progress through the program and onto your next step thereafter!

## Emergency Management Student Lounge

As of Fall 2017, emergency management students have a lounge in which to relax, study, and chat with colleagues. The room is available whenever the Department of Emergency Management suite is open (typically 8am-5pm). There are work spaces, couches, chairs, plenty of plugs, and a refrigerator. And don't be surprised if you find snacks appearing in the room on and off throughout the year. The room was furnished with funds donated to the Alumni Foundation by Department of Emergency Management Alumni!

## Emergency Management Student Association

The Emergency Management Student Association (EMSA) is the local student chapter of the International Association of Emergency Managers (IAEM). EMSA coordinates speaker series, networking events, training events, field trips, and service learning projects for its members for the benefit of the professional development of members. The organization holds regular meetings throughout the academic year. Membership in the association is low cost and open to all North Dakota State University students.

## Alumni Network and Events

The Department of Emergency Management is blessed to have alumni who support all of its programs and the students within them. Alumni routinely speak in courses, allow students to informally interview and job shadow with them, help connect students to resources, help students build their professional network, inform students of job openings and more. Department faculty ensure that students are connected with the alumni in the best position to help them. Additionally, alumni attend events we term "family reunions" (because it is like getting the family back together every time we have such an event). Students are invited to attend these events at no cost so that they have the opportunity to informally network and get a sense of the kinds of jobs that they too might pursue.

### **Coffee with the Department Head**

Once a month, you are invited to join Dr. Jensen, Department Head, for an open conversation in the Minard Hall coffee shop. The dates and times are announced well in advance. There is no agenda for these conversations. The gathering represents an opportunity for discussion about any topic of interest to students. Have a curriculum question? Wonder about something the program is doing? Have a suggestion to improve student experience? Want to know more about a particular topic? Discussion in any and all of these areas and more is welcomed. Can't make it but have a question? Share it with a colleague planning to come so they can bring it up on your behalf!

### **Department Faculty**

The Department of Emergency Management faculty are the best resource available to students. Faculty are available and accessible to students (in fact, it is common that department syllabi contain the faculty member's cellphone number!). And, faculty are more than advisors who help students craft schedules that lead to graduation. Instead, department faculty get to know each student well and personally. Faculty actively mentor students inside and outside of course with respect to personal and professional development. When you become a student in emergency management, you become part of our family.