Bachelor of Science

Emergency Preparedness

The societal need for highly trained and educated emergency management specialists has never been greater. In the wake of natural disasters and ongoing terrorist threats, both government and business officials recognize the need for concerted efforts to prevent emergencies to the extent that it’s possible and mitigate the damage when it’s not possible.

Emergency management specialists coordinate disaster response or crisis management activities, provide disaster preparedness training, and prepare emergency plans and procedures for natural, wartime, or technological disasters. This professional career requires a wide array of abilities to analyze information and evaluate results to choose the best solution and solve problems.

The curriculum for the B.S. in Emergency Preparedness consists of a core of approximately 69 credit hours and 51 additional credit hours, including general education credits. All students complete internships and/or research participation. This interdisciplinary curriculum provides multiple opportunities for graduates in the growing emergency management field.

Emergency preparedness students will...

- Understand the differences between a catastrophe and a disaster as well as implications of those differences for public policy, preparedness, response, and recovery.
- Be able to build from past approaches to future strategies that will minimize impacts of catastrophic events.
- Be able to identify the components of both short-term and long-term disaster response and recovery operations.
- Develop the competencies to become professional and community leaders whose efforts prepare their communities.
- Be well prepared to directly enter career positions in the emergency preparedness field or to successfully pursue post-baccalaureate education programs.

Career Planning

Employment of emergency management specialists is expected to increase by 22% between 2008-2018 as reported by the Bureau of Labor and Statistics. This growth is based on the increased need for emergency planning due to natural disaster events in the nation and the resulting monetary and business loss from those events. As the nation begins to understand the effects of global climate change, emergency management specialists are in demand to plan the mitigation and response phase to the changing conditions around our nation.

Professional career counselors are available for all students. The Office of Career Services in Academic Hall 057 can provide students with professional career counseling, resume critiques, practice interviews, job search strategies, career events, networking opportunities, and more.

Internship, Employment, and Post-Baccalaureate Opportunities

- Red Cross Emergency Director
- Business Continuity Specialist
- Federal Emergency Management Agency (FEMA) Manager
- Hospital Emergency Management Planner
- State Emergency Management Agencies
- Local Emergency Management Coordinator
- Humanitarian Organizations
- Program Administrators
- Policy Analysis and Planning
- Public Safety Compliance
- Emergency Management Services
- Private Industry
- State Departments of Transportation
- Department of Homeland Security
- Port Authorities and Airports
- Universities and Colleges
- Local Primary and Secondary Education Facilities
- Public Health Agencies
- Public Works Departments
- U.S. FDA and USDA
- U.S. Department of Agriculture
- Washington University School of Public Health
- St. Louis University School of Public Health
- University of Missouri – Columbia
- George Washington University
- Virginia Commonwealth University
- Florida State University
- University of Colorado – Denver
- Southern Illinois University – Carbondale

<table>
<thead>
<tr>
<th>Demonstrated Career Proficiency is a Requirement of all Southeast Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL001/CL002  First Semester</td>
</tr>
<tr>
<td>CL003        Junior Year</td>
</tr>
<tr>
<td>CL004        Senior Year</td>
</tr>
</tbody>
</table>

To learn more
Office of Admissions
(573) 651-2590
admissions@semo.edu
www.semo.edu

To explore the College of Science, Technology and Agriculture online, visit
www.semo.edu/costa

For advising
Center for Academic Advising - North
(573) 651-5090
www.semo.edu/advising
advisingnorth@semo.edu
This is a guide based on the 2016-2017 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use DegreeWorks to monitor their individual progress.

**CURRICULUM CHECKLIST**

**Emergency Preparedness – 69 Hours**

- BI471 Internship (1)
- CH185 General Chemistry I (5) (Physical Systems)
- CH234 Organic & Biological Chemistry (3)
- EA507 School & Campus Safety (3)
- EV425 GIS Planning for Emergency Management (3)
- EV447 Fundamentals of Disaster/Emergency Management & Planning (3)
- EV448 Disaster/Emergency Planning & Response (3)
- EV449 Vulnerability, Risk Reduction/Critical Incident Management (3)
- EV454 Risk Assessment Applications (3)
- EV456 Fundamentals of Risk Communication in Emergency Management (3)
- EV551 Hazardous Materials Assessment (3)
- GO445 Geographic Information Systems (3)
- HL320 Community Health (3)
- MA134 College Algebra (3) (Logical Systems)
- MG301 Principles of Management (3)
- PS103 Environmental Ethics (3)
- PS145 Government & Politics in the American States (3)
- PS415 Government Budgeting Process (3)
- PS418 Public Policy Analysis (3)
- PS425 Administrative Law & Procedure (3)
- SC355 Relational Communication Strategies (3)
- SC560 Organizational Communication (3)
- SO375 Collective Behavior (3)
- SW242 Stats for Social Scientists (3)

**Additional Requirements:**

- BS105 Environmental Biology (3)
- GO150 Earth Science: Environmental Hazards (3)
- HL120 Health Perspectives (3)
- PS103 U.S. Political Systems (3)
- SC105 Fundamentals of Oral Communication (3)
- SO120 Cities & Society (3)
- UI309 Writing for Science & Technology (3)
- UI387 Environmental Law (3)
- UI429 Environmental Ethics (3)

**University Studies Requirements (not already listed above):**

UI100 First Year Seminar, EN100 English Composition, Artistic Expression, Written Expression, Literary Expression, Development of a Major Civilization, and Economic Systems

**SAMPLE FOUR-YEAR PLAN**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Hrs</th>
<th>Course #</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UI100</td>
<td>3</td>
<td>CH185/085/005</td>
<td>5</td>
</tr>
<tr>
<td>EN100</td>
<td>3</td>
<td>HL120</td>
<td>3</td>
</tr>
<tr>
<td>BS105</td>
<td>3</td>
<td>SC105</td>
<td>5</td>
</tr>
<tr>
<td>MA134</td>
<td>3</td>
<td>Develop of a Major Civ</td>
<td>3</td>
</tr>
<tr>
<td>PS103</td>
<td>3</td>
<td>Written Expression</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

Milestone: maintain 2.0 cumulative GPA

- CH234 | 3 |
- HL320 | 3 |
- SO120 | 3 |
- UI387 | 3 |
- Artistic Expression | 3 |
- SW242 | 3 |
| **Total** | 15 | **Total** | 15 |

Milestone: maintain 2.0 cumulative GPA

**SECOND YEAR**

- EV454 | 3 |
- PS415 | 3 |
- SC355 | 3 |
- UI429 | 3 |
- Literary Expression | 3 |
| **Total** | 15 | **Total** | 13 |

Milestone: maintain 2.0 cumulative GPA

**SUMMER**

- EV551 | 3 |

A “Milestone” signifies a significant stage for a student in the completion of a degree.

**Degree requirements for all students:** A minimum of 120 credit hours, completion of University Studies program, career proficiencies (CL001-004), Writing Proficiency Exam (WP003), and completion of the Measure of Academic Proficiency and Progress (MAPP) at the senior level.

A minimum 2.0 GPA in the major and overall is required to graduate with a B.S. degree with an emergency preparedness major.

Refer to the Undergraduate Bulletin or DegreeWorks for additional graduation requirements (i.e., minimum GPA and course work) for your program of study.