

Bachelor of Science (BS)

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.

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.

Becoming Career Ready...

/ Faculty-mentored research and guidance will help you develop the professional skills needed for success in a competitive job market and/or advanced study in graduate and professional programs.

/ The Emergency Preparedness program prepares graduates for multiple opportunities in the growing emergency management field. Graduates will be prepared to enter the job market in the areas of crisis management, emergency management, vulnerability assessment and mitigation and adaptation planning. Example job titles include crisis manager, emergency coordinator or planner, business and community recovery specialist and Homeland Security responder.

/ 100% of Southeast programs offer real-world experience. Emergency Preparedness students complete real-world experience through a variety of required internship and/or research opportunities. These opportunities are available at the local, state, and federal levels of government and in the private industrial sector.

/ The path to a successful career starts with you! You can maximize your career development by working closely with Career Services and Southeast faculty – they are here to help you connect your passions, interests and skills to jobs and opportunities in the field. Career Services provides professional career counseling and coaching, 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

Special Options with Emergency Preparedness

This program is available as an online program, as well as to students on the main campus.

Transfer and Dual Credit Students

If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at semo.edu/transfercredit

Emergency Preparedness

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

To explore
 the College of Science,
 Technology, Engineering and
 Mathematics online, visit
semo.edu/stem

For advising
 Center for Academic Advising
semo.edu/advising

Emergency Preparedness

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This is a guide based on the 2021-2022 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 Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

Emergency Preparedness – 68 Hours

- ___ BI471 Internship (1)
- ___ CH184 General Chemistry I Lab (1)
- ___ CH185 General Chemistry I (3)
- ___ 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)
- ___ MA116 Precalculus A (3)
- ___ MG301 Principles of Management (3)
- ___ PS310 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)
- ___ SW242 Statistics for Social Scientists (3)

Choose 3 hours:

- ___ SC330 Corporate & Professional Communication (3)
- ___ PY301 Cross-Cultural Psychology (3)
- ___ SO375 Collective Behavior (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)
- ___ SO102 Society, Culture & Social Behavior (3)
- OR
- ___ SO120 Cities & Society (3)
- ___ IU309 Writing for Science & Technology (3)
- ___ UI387 Environmental Law (3)
- ___ UI429 Environmental Ethics (3)

General Education Requirements – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	1	CH184/CH185	4
	EN100	3	HL120	3
	BS105	3	SC105	3
	MA116	3	General Education	3
	PS103	3	General Education	3
Total	13		Total	16
Milestone: maintain 2.0 cumulative GPA				

SECOND YEAR	CH234/034	3	IU309	3
	HL320	3	MG301	3
	SO102 or SO120	3	PS310	3
	UI387	3	SC330/PY301/SO375	3
	General Education	3	SW242	3
Total	15		Total	15
Milestone: maintain 2.0 cumulative GPA				

(Summer courses are encouraged to avoid semesters exceeding 15 hours.)

THIRD YEAR	EV454	3	BI471	1
	PS415	3	EV425	3
	SC355	3	GO445	3
	UI429	3	PS418	3
	General Education	3	General Education	3
Total	15		Total	13
Milestone: maintain 2.0 cumulative GPA				

SUMMER	EV551	3
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FOURTH YEAR	EV447	3	EA507	3
	EV449	3	EV448	3
	EV456	3	GO150/050	3
	PS425	3	SC560	3
	General Education	3	Elective	3
Total	15		Total	15
Milestone: maintain 2.0 cumulative GPA				

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 the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.