

Bachelor of Science (BS)

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 rising 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.

Demonstrated Career Proficiency is a Requirement of all Southeast Students		
CL001/CL002	First Semester	Complete the FOCUS2 assessment and develop a Career Action Plan.
CL003	Junior Year	Students gain information about career planning and job searching resources.
CL004	Senior Year	Students demonstrate advanced proficiency by identifying a position in their field, developing a cover letter, tailoring a resume for the position, and a mock interview conducted by a panel of environmental science faculty and personnel of Career Services. Students are critiqued to ensure preparedness for a successful job search.

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

To learn more
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(573) 651-2590
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To explore the College
of Science, Technology and
Agriculture online, visit
www.semo.edu/costa

For advising
Center for Academic Advising - North
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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)
- ___ 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)
- ___ 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)
- ___ IU309 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

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	3	CH185/085/005	5
	EN100	3	HL120	3
	BS105	3	SC105	5
	MA134	3	Develop of a Major Civ	3
	PS103	3	Written Expression	3
	Total	15	Total	17
Milestone: maintain 2.0 cumulative GPA				
SECOND YEAR	CH234	3	IU309	3
	HL320	3	MG301	3
	SO120	3	PS310	3
	UI387	3	SO375	3
	Artistic Expression	3	SW242	3
	Total	15	Total	15
Milestone: maintain 2.0 cumulative GPA				
<i>(Summer courses are encouraged to avoid semesters exceeding 15 hours.)</i>				
THIRD YEAR	EV454	3	BI471	1
	PS415	3	EV425	3
	SC355	3	GO445	3
	UI429	3	PS418	3
	Literary Expression	3	Economic Systems	3
	Total	15	Total	13
Milestone: maintain 2.0 cumulative GPA				
SUMMER			EV551	3
FOURTH YEAR	EV447	3	EA507	3
	EV449	3	EV448	3
	EV456	3	GO150/050	3
	PS425	3	SC560	3
	Elective	3		
	Total	15	Total	12
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 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 are 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.