

EMERGENCY MANAGEMENT AND HOMELAND SECURITY, BACHELOR OF SCIENCE

PROGRAM OVERVIEW

The mission of the Emergency Management and Homeland Security program is to create graduates with extensive theoretical and applied knowledge in emergency management and disaster research. The program provides students with a broad range of administrative skills and knowledge needed to meet the critical needs of emergency managers and administrators.

OBJECTIVES

The Overall Educational Objectives for the program are as follows:

- To develop management, legal, and behavioral skills for career advancement for students already working in the emergency management field.
- To create interdisciplinary relationships.
- To increase public education and awareness of emergency management.
- To provide opportunities for students to pursue careers and an environment for further study.
- To prepare students with an understanding of preparation, mitigation, response, and recovery, of a disaster.

Exemptions

The exemption allows firefighters to take courses in emergency management and homeland security by waiving their tuition and fees for courses offered as part of a fire science curriculum. Below is the link of the approved list from Texas Higher Education Board.

reportcenter.highered.texas.gov/agency-publication/policies-and-procedures/exempted-fire-science-programs/ (<https://reportcenter.highered.texas.gov/agency-publication/policies-and-procedures/exempted-fire-science-programs/>)

The Exemption for Firefighters Taking Fire Science Courses should be submitted to the University Registrar's Office by the Census Day of the semester or summer session in which you are applying.

Resources

Federal Emergency Management (FEMA) Higher Education (<https://training.fema.gov/hiedu/>)

Department of Homeland Security (<https://www.dhs.gov/>)

Texas Division of Emergency Management (TDEM) (<http://www.dps.texas.gov/dem/>)

National Weather Service (<https://www.weather.gov/>)

POTENTIAL CAREER PATHS

Graduates of EM programs are widely employed by local, county, state, and federal government agencies (including FEMA and Homeland Security). Job opportunities within nonprofit organizations, private companies, institutions, and hospitals. Other employers who deal with disaster contingency planning and continuity of operations: Medical facilities, international, businesses, universities, financial institutions,

retail sector, political conventions, marathons, food services, critical infrastructure, and transportation.

Summary

Code	Title	Hours
Core Curriculum Requirements (https://catalog.tsu.edu/undergraduate/general-education-core-curriculum/)		42
Major Requirements (48 hours)		
EMGT 250	Introduction to Emergency Mgmt	3
EMGT 251	Natural Hazards & Emergency Mgmt	3
EMGT 252	Tech Hazards & Emergency Mgmt	3
EMGT 351	Prin/Prac of Hazard Mitigation	3
EMGT 357	Emergency Reov/Respn/Prep & Plng	3
Select one of the following:		3
EMGT 480	Internship	
PA 450	Internship in Public Affairs	
AJ 460	Admin of Justice Internship	
HMSC 260	Intro to Homeland Security	3
HMSC 361	Terrorism and Homeland Secur	3
HMSC 362	Domestic & Global Terrorism	3
HMSC 363	Legal & Political Issues HMSC	3
Electives; Select 6 courses (18 hours) from the following:		18
EMGT 101	Intro to Incid Command Sys	
EMGT 352	Intern DispPers & Nat Hazard	
EMGT 353	Business Crisis & Continuity	
EMGT 354	Public Health in Emergency Mgmt	
EMGT 355	Plng for Vulnerable Population	
EMGT 358	Social Dimensions of Disasters	
EMGT 356	Continuity Oper/Plng & Implt	
EMGT 400	Environmental Issues: Disaster	
EMGT 401	Coastal Hazards Mgmt	
EMGT 402	Disaster Resilient Communities	
EMGT 403	Managing People In Disasters	
EMGT 450	Seminar: Emergency Mgmt	
HMSC 460	Seminar in Homeland Security	
GEOG 338	Geographic Information Systems	
JOUR 234	Intro To Pub Rel	
HED 340	Epidemiology	
HSEH 232	Intro To Environ Hlth	
MTMS 445	Maritime Risk Assessmnt & Mgmt	
Other Requirements (30 hours)		
ECON 2301	Principles Of Economics I	3
ECON 2302	Principles Of Economics II	3
SOCI 1301	Introduction To Sociology	3
MATH 134	Plane Trigonometry	3
	or MATH 1324 Math and Business and Econ I	
	or MATH 1325 Elements of Calculus	
	or MATH 1333 Contemporary Mathematics II	
	or MATH 2312 Precalculus Math	
Foreign Language (6 hours)		6
PA 271	Intro to Public Adm	3
Select one of the following:		3

PA 301	Res Methods In Pub Admin	
AJ 301	Research Methods in AJ	
PA 301	Res Methods In Pub Admin	
Select one of the following:		3
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 302	Quantitative Methods	
Free Electives (2 hours)		2
FS 102	Freshman Seminar/ first Year Experience	1
Total Hours		120

Course	Title	Hours
First Year		
First Semester		
ENGL 1301	Freshman English I	3
Math CORE Course (select one of the following):		3
MATH 1332	Contemporary Mathematics I (Suggested CORE MATH Course)	
MATH 1314	College Algebra (Suggested CORE Math Course)	
Select one of the following:		3
COSC 1301	Intro To Compr Science I	
MISY 2304	Fundamentals of Information Systems	
EDCI 2310	Ins Tec	
POLS 2305	American Government	3
HIST 1301	Soc & Pol Hist US to 1877	3
FS 102	Freshman Seminar/ first Year Experience	1
Hours		16

Second Semester		
ENGL 1302	Freshman English II	3
MATH 134	Plane Trigonometry (or higher)	3
or MATH 1324	or Math and Business and Econ I	
or MATH 1325	or Elements of Calculus	
or MATH 1333	or Contemporary Mathematics II	
or MATH 2312	or Precalculus Math	
SOCI 1301	Introduction To Sociology	3
POLS 2306	Texas Government	3
HIST 1302	Soc & Pol Hist US Since 1877	3
Hours		15

Second Year		
Third Semester		
Language, Philosophy & Culture CORE Course		3
Life and Physical Sciences CORE Course		3
BIOL 1308	Survey of Life Science (Suggested CORE Science Course)	
Creative Arts CORE Course		3
Foreign Language		3
EMGT 250	Introduction to Emergency Mgmt	3
Hours		15

Fourth Semester		
COMM 1321	Business & Professional Comm	3
or COMM 1315	or Public Address	
Life and Physical Sciences CORE Course		3
GEOL 1303	Introduction To The Earth	

Social and Behavioral Sciences CORE Course		3
Foreign Language		3
HMSC 260	Intro to Homeland Security	3
Hours		15

Third Year		
Fifth Semester		
Select one of the following:		3
POLS 301	Research Methods In Polsc	
AJ 301	Research Methods in AJ	
PA 301	Res Methods In Pub Admin	
ECON 2301	Principles Of Economics I	3
EMGT 251	Natural Hazards & Emery Mgmt	3
HMSC 361	Terrorism and Homeland Secur	3
PA 271	Intro to Public Adm	3
Hours		15

Sixth Semester		
Select one of the following:		3
POLS 302	Quantitative Methods in Polsc	
AJ 302	Statistics in AJ	
PA 302	Quantitative Methods	
EMGT 252	Tech Hazards & Emery Mgmt	3
ECON 2302	Principles Of Economics II	3
HMSC 362	Domestic & Global Terrorism	3
EMHS Elective		3
Hours		15

Fourth Year		
Seventh Semester		
EMGT 351	Prin/Prac of Hazard Mitigation	3
EMGT 357	Emery Reov/Respn/Prep & Plng	3
EMHS Elective		3
EMHS Elective		3
EMHS Elective		3
Hours		15

Eighth Semester		
Select one of the following:		3
EMGT 480	Internship	
PA 450	Internship in Public Affairs	
AJ 460	Admin of Justice Internship	
HMSC 363	Legal & Political Issues HMSC	3
EMHS Elective		3
EMHS Elective		3
FREE Elective		2
Hours		14
Total Hours		120