

INTEGRATED HOMELAND SECURITY MANAGEMENT M.S.

Degree: Master of Science

<https://www.towson.edu/cla/departments/interdisciplinary/grad/homelandsecurity/>

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The Master of Science degree in Integrated Homeland Security Management and the embedded graduate certificate in Security Assessment and Management (see below) form an interdisciplinary program to provide an applied graduate education for personnel working in various areas of homeland security, risk assessment and management, emergency response and crisis communications. The intent is to provide students with advanced studies and experience to extend their expertise in one area while reaching out to work with other areas in an integrated response.

The core courses provide a common base to familiarize students with the overall issues and concerns of homeland security. Students do additional work in their own areas of expertise in specialized courses, but reach across to other areas by taking introductory graduate-level courses in three other areas. The project is a key part of the program, providing hands-on experience in dealing with real-world problems of homeland security. Work on the project begins midway through the program and continues to provide a sense of reality as the student moves through the program. Ideally, students will work together in joint projects, sharing skills and gaining experience in collaborative problem-solving.

Online Instruction

The entire Integrated Homeland Security Management program is delivered online. The goal of the online program is to provide students all of the necessary resources at their fingertips. Students participate in online classroom discussions and review class materials whenever they choose. Towson University utilizes Blackboard as the learning platform for all online courses, so there is a consistent format from course to course. The application process and curriculum requirements for online learners are identical to those for students attending courses on TU's campus.

Requirements

Admission Requirements

Application deadlines and a full listing of materials required for admission can be found on the website.

Degree Requirements

Students must complete a total of at least 36 units:

- 15 units in five core courses taken by all students
- 9 units in three specialization courses
- 6 units in two collateral courses from other specialization areas
- 3 units in one elective course
- 3 units of capstone project

Code	Title	Units
Required Courses		
IHSM 611	CRITICAL NATIONAL INFRASTRUCTURES	3
IHSM 612	PLANNING, PREVENTION AND RISK MANAGEMENT	3
IHSM 613	EMERGENCY COMMUNICATION AND MANAGEMENT	3
IHSM 614	TEAM BUILDING AND LEADERSHIP SKILLS	3
IHSM 615	STRATEGIC AND TACTICAL PLANNING	3
Note: The five core courses above constitute the Certificate in Security Assessment and Management.		
Tracks		
Select one of three tracks:		9
Information Assurance Track		
IHSM 621	INFORMATION SYSTEMS VULNERABILITY AND RISK ANALYSIS	
IHSM 622	INTRODUCTION TO SOFTWARE SECURITY	
IHSM 623	NETWORK SECURITY	
Health Preparedness Track		
IHSM 631	MENTAL HEALTH EMERGENCY PREPAREDNESS AND RESPONSE	
IHSM 632	BIOTERROR PUBLIC HEALTH PREPAREDNESS	
IHSM 633	DISASTER RESPONSE AND COMMUNITY HEALTH	
Security Policy Track		
IHSM 641	TERRORISM AND POLITICAL VIOLENCE	
IHSM 642	INTELLIGENCE AND HOMELAND SECURITY	
IHSM 643	HOMELAND SECURITY AND CONSTITUTIONAL RIGHTS	
Collateral Courses		
Select one introductory course in each of the two areas outside of the selected track:		6
Information Assurance		
IHSM 620	INTRODUCTION TO INFORMATION ASSURANCE	
Health Preparedness		
IHSM 630	HEALTH SYSTEM PREPAREDNESS	
Security Policy		
IHSM 640	U.S. HOMELAND SECURITY POLICY	
Elective Courses		
Each student must take one elective course from the following:		3
IHSM 660	GIS APPLICATIONS: HOMELAND SECURITY AND EMERGENCY MANAGEMENT	
IHSM 670	SPECIAL TOPICS IN HOMELAND SECURITY	
IHSM 695	INDEPENDENT STUDY IN HOMELAND SECURITY	
Graduate Project		
The extended project offers a practical, real-world problem-solving experience for the student. Ideally, students will form working groups to take on a project from an agency of federal, state or local government, or a private business. They will begin to work on the project after taking 15 units in the program and continue the project while completing other course work.		
IHSM 881	CAPSTONE PROJECT I	3

Students may also select from two continuum options:

IHSM 882 CAPSTONE PROJECT II

IHSM 885 CAPSTONE PROJECT CONTINUUM

Total Units **36**

Learning Outcomes

1. Analyze, evaluate, and apply threat monitoring and risk mitigation, theories, models and resources to protect critical national infrastructures.
2. Compare homeland security leadership principles and apply them to solve various strategic and tactical disaster resilience, threat mitigation and emergency management problems.
3. Apply disaster management precepts to coordinate scalable, interagency and cross-jurisdictional efforts that minimize public harm and restore intersectoral integrity.
4. Evaluate and apply current homeland security precepts, theories and resources to recommend effective risk mitigation activities.