

Program of Study

GENERAL EDUCATION REQUIREMENTS

Course No.	Course title	Credits
CHEM 1000	Chemistry of Our Environment	4
CHEM 1060	Hazardous Materials	3
ENGL 2100	Technical Writing	3
COMI 1100	Oral Communication I	3
GEOL 1030	Natural Disasters	3
OR GEOL 1040	Intro. to Geographic Information Systems	
OR GEOL 1050	Urban Geology	
MATH 1420	Intro. to College Math	3
OR MATH 1430	Mathematics for Liberal Arts Students	
OR MATH 1475	Statistics for Social Sciences	
POLS 1000	Intro. to Government and Politics	3
OR POLS 1030	State and Local Government	
OR SOCS 1010	General Sociology	
OR PSYC 2010	General Psychology	
OR GEOG 1010	Introduction to Geography	
TOTAL general education credits		22

MAJOR REQUIREMENTS

Course No.	Course title	Credits
EMER 1000	Fundamentals of Emergency Management	3
EMER 1010	Understanding and Responding to Terrorism	3
EMER 1020	Bioterrorism and Public Health Emergencies	3
EMER 1030	Disaster Response Operations and Management	3
EMER 1040	Managing the Psychological Impact of Terrorism and Disasters	3
EMER 1050	Disaster Training and Exercise Management	3
EMER 2010	Disaster Resource Management	3
EMER 2020	Emergency Planning	3
EMER 2030	Professional Development in Emergency Management	3
EMER 2500*	Practicum in Emergency Management	3
HMLS 1000	Introduction to Homeland Security	3
HMLS 1010	Intelligence Analysis and Risk Management	3
HMLS 1020	Border and Transportation Security	3
TOTAL major credits		39
TOTAL program credits		61

*Criminal background check required. Results may prevent student from taking all or some of available practicums.

Note: Professional courses (those with the prefix EMER, HMLS) are available only during evening hours with the exception of EMER 2500, which also is available during the day. Not all courses are offered every semester. Many courses require prerequisites and/or testing. See program director for schedule of courses and requirements.



www.ccri.edu/emer

CCRI COMMUNITY COLLEGE
OF RHODE ISLAND



Associate in Science degree in Emergency Management/ Homeland Security

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COMMUNITY COLLEGE OF RHODE ISLAND

Associate degree in Emergency Management/ Homeland Security

The Community College of Rhode Island's **Associate in Science degree program in Emergency Management/Homeland Security** is designed to provide students with the skills needed to enter the emergency management/homeland security field. This discipline covers a broad spectrum of job opportunities in the government sector, working for local and state emergency management, for FEMA, the Department of Homeland Security, police, fire, EMS and public health. Job opportunities are also available in the private sector in hospitals, security and businesses.

This program also prepares graduates for some careers in the U.S. National Guard, Navy and the Coast Guard. Students who successfully complete this program earn a well-rounded degree, fulfilling both general education requirements and completing core courses that provide the in-depth competencies needed to work in the field. The program finishes with a practicum and a professional development course that connects acquired knowledge and skills.

Major course synopses

For full course descriptions, see the college catalog or view the online catalog at www.ccri.edu/catalog. This program is located in the Health Sciences section.

EMER 1000 – Fundamentals of Emergency Management

This course provides information to enable those entering the profession or expanding their roles to function effectively with a broad array of emergency management issues. It provides an overview of the characteristics, functions, resources and capabilities of an integrated system and various emergency management services, including the role of national, regional and local services in a variety of disasters. *Lecture: 3 hours*

EMER 1010 – Understanding and Responding to Terrorism

This course provides students with an understanding of terrorism. Students learn about its origins and the use of terror to influence public policy decisions. The history, structure and changing nature of terrorist organizations are also presented. This course is intended for anyone interested in learning more about terrorism. *Lecture: 3 hours*

EMER 1020 – Bioterrorism and Public Health Emergencies

This course focuses on both naturally occurring disease outbreaks and bioterrorist events of the past and the implications of these events for the future. Key elements of emergency disaster and response include surveillance, mass immunization and public information campaigns. This course could be beneficial to any student in the health science programs or those interested in emergency management careers. *Lecture: 3 hours*

EMER 1030 – Disaster Response Operations

This course focuses on the principles that promote effective disaster response operations and management. The nature of disasters, the context of U.S. response operations and the roles and responsibilities of various emergency management-related organizations are examined. This course also examines specific functions relating to flood, hazardous materials and terrorist incidents. *(Prerequisite: EMER 1000 or permission of instructor) Lecture: 3 hours*

EMER 1040 – Managing the Psychological Impact of Terrorism and Disasters

This course provides a broad overview of the causes, interventions and treatments of psychological trauma in the civilian and emergency response populations following natural disasters, terrorist attacks and mass casualty incidents. The interventions and treatments for both the short- and long-term recovery of the victims of this trauma are illustrated for the student using real-life incidents. *(Prerequisite: ENGL 1010 or 2100 or permission of instructor) Lecture: 3 hours*

EMER 1050 – Disaster Training and Exercise Management

This course provides students with an understanding of the training and exercise requirements of emergency management and how they play a critical role in preparing a community or company for a disaster. Students develop and test an exercise program then develop an improvement plan. *Lecture: 3 hours*

EMER 2010 – Disaster Resource Management

This course is designed to provide students with an understanding of resource management in the context of emergency management. Coordinating resources before, during and after a disaster is critical to alleviate pain and suffering of the victims. *(Prerequisite: EMER 1000 or permission of instructor) Lecture: 3 hours*

EMER 2020 – Emergency Planning

This course provides students with an understanding of emergency planning within emergency management. These plans may make the difference in saving lives and alleviating pain and suffering from a disaster. Students learn skills required to develop those plans effectively. *(Prerequisite: EMER 1000) Lecture: 3 hours*

EMER 2030 – Professional Development in Emergency Management

This course is designed to allow students in the emergency management program to take their acquired skills and combine them with new skills learned in this course: emergency communication, problem-solving, decision-making and leadership. *(Prerequisites: EMER 1000, 1030, 2010, 2020 or permission of instructor) Lecture: 3 hours*

EMER 2500 – Practicum in Emergency Management

The practicum in Emergency Management provides students with an opportunity to use the knowledge they have learned in the program and apply it in the field. By placing the student at an internship site that operates in various types of disaster preparedness and response, the student will be provided with real-life experiences. *(Prerequisites: EMER 1000, 1030, 2010 and 2020 or permission of the instructor) Seminar: 1-2 hours, Fieldwork: 6-8 hours*

HMLS 1000 – Introduction to Homeland Security

This course is designed to provide students with an understanding of the definition, origins and development of homeland security in the United States. The terminology of the Department of Homeland Security (DHS) is discussed as well as the presidential directives that created this new department. This course explores state, national and international laws impacting homeland security as well as its most critical threats and challenges. This course also discusses how DHS has changed in reaction to different terrorist events and the future of protecting the homeland. *Lecture: 3 hours*

HMLS 1010 – Intelligence Analysis and Risk Management

This course examines intelligence analysis and its indispensable relationship to the security management of terrorist attacks, man-made disasters and natural disasters. It also explores vulnerabilities of our national defense and private sectors, as well as the threats posed to these institutions by terrorists, man-made disasters and natural disasters. Students will discuss substantive issues regarding intelligence support of homeland security measures implemented by the United States and explore how the intelligence community operates. *(Prerequisite: HMLS 1000 or permission of the instructor) Lecture: 3 hours*

HMLS 1020 – Border and Transportation Security

This course provides an in-depth view of modern border and transportation security. Specific topics include security for seaports, ships, aircraft, trains, trucks, pipelines and buses. The focus is on the technology needed to detect terrorists and their weapons as well as the legal, economic, political and cultural aspects of the problem. *(Prerequisite: HMLS 1000 or permission of the instructor) Lecture: 3 hours*