

EMERGENCY AND DISASTER MANAGEMENT: EMERGENCY MEDICAL SERVICES SPECIALIST (EMS)

FALL 2006

IS EMERGENCY AND DISASTER MANAGEMENT THE RIGHT CHOICE FOR YOU?

What is emergency and disaster management?

This concentration expands upon conventional Emergency Medical Services (EMS) training and better prepares EMS personnel for the realities of today's workforce. Curriculum provides a foundation in the recognition and management of HAZMAT incidents, a comprehensive overview of nuclear, biological and chemical agents that are more likely to be used as weapons of mass destruction, and an understanding of the tactics and objectives of terrorism. Students will also be trained as EMTs through a 120-hour EMT course. Graduates of this major will be the first generation of baccalaureate-prepared emergency medical technicians that are also internally prepared in emergency and disaster management. These highly trained EMS providers will then enter our nationally recognized paramedic training major (1204 hours of study).



What is the role of the EMS?

EMS personnel respond directly to emergency events, provide first aid, or stabilize patients for transport to hospitals. They work under a strict set of guidelines, often communicating with doctors during transport.

Where do EMS personnel work?

Most career EMS personnel work for private or public ambulance companies, fire departments, hospitals, and/or respond to emergency calls for hospitals and transport patients by ambulance or helicopter. Others provide emergency services for industry.

Is there a demand for EMS personnel?

According to the United States Department of Labor, "Employment of emergency medical technicians and paramedics is expected to grow faster than average for all occupations through 2012. Population growth and urbanization will increase the demand for full-time paid EMTs and paramedics rather than for volunteers."

What is the salary range for EMS personnel?

Earnings usually depend upon setting and geographic location. In the New York metro area, entry level paramedics can expect to earn \$45,000 a year and EMTs can expect to earn \$37,000 per year. Those who work for fire and police departments often have the same salaries and benefits as other fire and police personnel.

What else should I know?

Formal training and certification is needed to become an EMT or paramedic. There are four levels of EMS providers registered by the National Registry of Emergency Medical Technicians (NREMT): First Responder, EMT-1, EMT-2/3, and EMT-Paramedic. Each level requires additional training, allows for increased responsibility, and usually results in moving to a higher salary scale.

EMERGENCY & DISASTER MANAGEMENT: EMS SPECIALIST

What are the requirements for acceptance to the post-baccalaureate program?

Health Science majors must successfully complete fall semester coursework during their senior year and apply to the post-baccalaureate year during the fall semester of the senior year.

As highly trained EMS providers, graduates of the Health Science major will be eligible to enter our nationally-recognized (1224-hours of study) paramedic-training program.

In order to enroll in the post baccalaureate year, students must successfully complete the following courses during the spring semester:

- **Weapons of Mass Destruction: Comprehensive overview of nuclear, biological, incendiary,**

chemical and explosive agents that are more likely to be used as Weapons of Mass Destruction. Expands the EMS provider's training in responding to conventional HAZMAT incidents and focuses on the recognition and management of incidents involving bioterrorism, chemical and nuclear weapons.

- **Pre-hospital Care: Lecture and Lab: Provides necessary knowledge and skills to recognize signs and symptoms of illness and injury and the appropriate application of emergency medical care. Upon successful completion of a 40-hour clinical observation rotation, students will be eligible to take the New York State Dept. of Health Emergency Medical Technician (EMT) exam. Includes advanced pathophysiology and expands upon the EMT training curriculum. Serves as a prerequisite course for paramedic training.**
- **Advanced Hazmat Training for**

EMS: Comprehensive overview of the practice and procedures required of Emergency Medical Service providers when responding to major HAZMAT incidents. Includes management strategies for Hazards Materials (HAZMAT) disasters. Emphasis on coordination of services and resources by national, federal and local agencies.

- **Emergency Response to Terrorism: Prepares EMS providers to recognize and respond to terrorist incidents. Topics include identification of identification of on-scene indicators of a suspicious incident, recognition of the tactics and objectives of terrorism, and scene/perimeter content issues that are unique to a terrorist incident.**

"So many bad things can happen, including disease outbreaks and natural disasters, and we need to be prepared for all of them."

- James Lee Witt, former head of the Federal Emergency Management Administration

Advising sessions are conducted on both campuses, as early as possible, to assess student interest and provide information on prerequisites. For additional information about the major please contact:

Traci Thompson—Advising

HSC, Level 2, Room 453

Phone: 631.444.2407

Fax: 631.444.1515

Régine Verrier—Advising

• Mon/Fri, HSC, L2, Rm 453

Phone: 631.444.6858

• Tu/Wed/Thur

Academic Advising Office

Melville Library

Phone: 631.632.4689

Or VISIT OUR WEBSITE AT:

www.uhmc.sunysb.edu/shtm



HEALTH SCIENCES CENTER

School of Health Technology & Management

FOR PROFESSIONAL ORGANIZATIONS AND JOB LISTINGS PLEASE VISIT THE FOLLOWING WEBSITES:

Professional Organizations:

• National Association of Emergency Medical Technicians

www.naemt.org

• National Registry of Emergency Medical Technicians

www.nremt.org

Occupational and Employment Information:

www.dol.gov

www.labor.state.ny.us

www.salary.com

www.salary.monster.com

HOW TO BECOME A HEALTH SCIENCE STUDENT

Students can declare the Health Science major at any time during their academic career. All major courses are taken during the senior year.

• In order to begin your senior year courses in the major, you must have a G.P.A. of at least 2.0 and have successfully completed 91 credits.

• You must also have met all D.E.C. requirements, including at least 16 credits in natural sciences (D.E.C. E), 21 credits of related electives, and 10 upper division credits.

• Successful completion of the following courses during the fall semester of your senior year is required:

Health Care Issues

Medical Ethics

Communications

Professional Writing

Health Informatics

Medical Terminology (2 credit elective may also be taken)

Additional pre-requisites based on your area of interest may be

FACTS ABOUT THE POST—

- Tuition will be due two weeks prior to the 1st day of the post-baccalaureate program.
 - Health Assessment Forms must be submitted one month prior to the start of your program.
 - The student is responsible for transportation during the post-baccalaureate year.
 - Clinical sites are located anywhere from Manhattan to Eastern Long Island.
 - Financial Aid does not cover the tuition for the post-bacc program. You may take out a career loan from various financial institutions.
 - Students may incur additional costs (materials, books, drug tests, background checks, etc) during the post-baccalaureate program.
 - Campus housing may not be available.
 - \$40 application fee
 -
- Tuition Costs—**
\$5,000.00
- Number of Seats—**
30-35