

NJIT

New Jersey's Science &
Technology University

THE EDGE IN KNOWLEDGE

The Master of Science in Emergency Management and Business Continuity



Department of Information Systems
College of Computing Sciences

New Jersey Institute of Technology

*Proposed and pending approval

WHY PURSUE A GRADUATE DEGREE IN EMERGENCY MANAGEMENT AND BUSINESS CONTINUITY?

Prior to 9/11, FEMA established the Emergency Management Institute, or EMI (see <http://training.fema.gov/>). Through EMI, FEMA provides free online Continuing Education Units (CEU) programs for emergency managers (e.g., police, fire fighters, emergency management technicians, and handlers of hazardous materials). Subsequent to 9/11 private sector business continuity planners have been added to this list. Research indicates “there are more than 11 million emergency responders and other personnel in this country that would need training to deal with terrorist incidents.” The punctuation that was 9/11 created a market for both the training and education of emergency management personnel.

A master’s in emergency management and business continuity increases the professionalism of the field, which is evolving in importance and societal needs, by increasing its presence in academic, research, and professional communities. The program is also designed to meet the new policy of the International Association of Emergency Managers (IAEM), which will require, beginning in 2010, an academic degree in addition to just the current four years of experience requirement

WHY STUDY EMERGENCY MANAGEMENT AND BUSINESS CONTINUITY AT NJIT?

The MS in Emergency Management and Business Continuity focuses on the business side of emergency management. NJIT offers excellent educational programs in both management and information technology. NJIT’s School of Management is among a select number of business schools accredited by AACSB-The International Association for Management Education, the top national accreditation body for management education. The school was ranked a “2007 Best Business School” by Princeton Review. NJIT’s College of Computing Sciences is one of the nation’s largest schools of computer science education, and NJIT has been named a Center of Academic Excellence in Information Assurance Education by the National Security Agency. In addition, NJIT has been designated as the leader of the New Jersey Homeland Security Technology Systems Center, advising state law enforcement agencies and private organizations on emergency preparedness and homeland security matters.

WHO SHOULD STUDY EMERGENCY MANAGEMENT?

The MS in Emergency Management and Business Continuity is recommended for anyone who is involved or interested in all the phases that occur in the emergency preparedness process: planning, training, mitigation, detection, alerting, response, recovery, evaluation, and improvement.

WHAT COURSES ARE OFFERED?

Fundamental/Core Courses (12 credits):

IS 613	Design of Emergency Management Information Systems (3 credits)
IS 614	Command and Control Systems/ Incident Command (3 credits)
Mgmt 612	Principles of Emergency Management (3 credits)
Mgmt 615/IS616	Learning Methodologies and Training Technologies

Electives (6 credits):

HRM 601	Organizational Behavior (3 credits)
CE 602	Geographic Information Systems (3 credits)
IS 615	Improvisation in Emergency Management (3 credits)
EvSc 625/IS 617	Social Dimensions of Risk (3 credits)
Masters Project (3 credits) or Master’s Thesis - (6 credits)	

WHAT SPECIALTY APPLICATION AREAS ARE AVAILABLE?

- Critical Infrastructure (12 credits)
- Computer Engineering (12 credits)
- Environmental Science (12 credits)
- Information Systems (12 credits)

- Management (12 credits)
- Homeland Security (12 credits)

WILL STUDENTS HAVE OPPORTUNITIES FOR RESEARCH?

This program represents an extension of numerous research-focused projects conducted by NJIT faculty, either alone or in cooperation with other universities and research partners. For example, NJIT faculty co-founded and has hosted the Information Systems for Crisis Response and Management (ISCRAM) conference, an international meeting comprised of members who are advancing scholarship in this field. NJIT researchers have also conducted a wide range of state- and Federally-funded research in this field.

ARE THERE OPPORTUNITIES FOR REAL-WORLD EXPERIENCE?

There are abundant co-op and internship opportunities and exciting research assistantships exploring cutting-edge science and technology.

WHERE ARE THE CLASSES OFFERED?

All courses are available at NJIT’s Newark campus and some are available online

IS PART TIME STUDY AVAILABLE?

Evening and weekend courses accommodate the working professional, who may pursue the degree part time.

IS FINANCIAL AID AVAILABLE?

Financial support for full-time students in the MS program is extremely limited. Full-time domestic and international students may be eligible to receive the Provost Fellowship. For further information on financial aid, visit www.njit.edu/financialaid/graduate/index.php

FOR FURTHER INFORMATION

Michael J. Chumer, Ph.D.
973-596-5484, chumer@njit.edu
www.chumer.com

TO APPLY

Office of University Admissions
admissions@njit.edu
800-925-NJIT
www.njit.edu/admissions/undergraduate/applying/index.php