



# DISASTER AND EMERGENCY MANAGEMENT (DEM)

Climate change, natural hazards and disasters, pandemics, loss of biodiversity, armed conflicts, and forced migration are issues that led to the demand for disaster and emergency management professionals to address the needs of today.

York is the only university that offers undergraduate and graduate degree programs in Canada. The Bachelor of DEM (BDEM) and the Master of DEM (MDEM) programs are designed to meet the critical need for professionals with advanced level knowledge and skills in this exciting and important field.



## PATHWAY TO DEM

### WHO CAN JOIN

- High School students
- Domestic, International
- Visiting students;
- College/University
- Returning to school

Students from all walks of life, including but not limited to

- Social and health sciences
- Humanities
- Science and Engineering
- Business administration
- Law
- Medicine
- Military/ Police

### SPECIAL FEATURES AT YORK:

- **Field Placement**—experience emergency management in practice
- **DEMinar**—a gathering place for the community at York to invite guest speakers to share their perspectives.
- **UDEM, DEMSA**—students associations to help students excel in the professional realm by providing opportunities to build their professional networks
- **Career opportunities**—Emergency Preparedness Coordinator, Emergency Manager, Business Continuity Planner, Humanitarian Assistance Specialist

For more information, visit

[yorku.ca/laps/sas/bdem/](http://yorku.ca/laps/sas/bdem/)  
[dem.gradstudies.yorku.ca/about](http://dem.gradstudies.yorku.ca/about)



# DISASTER AND EMERGENCY MANAGEMENT (DEM)



## BACHELOR OF DEM (BDEM)

- Learn to analyze complex information and make decisions
- Understand strategies to help save lives and property, recover from disasters
- Apply the key concepts, methodologies and technologies to real-life challenges.

### Hands-on experiences

- Placements at NGOs, in government and the private sector
- Train for disasters using virtual tools at the Advanced Disaster, Emergency and Rapid Response Simulation (ADERSIM).
- Student association UDEM offers external training, exercise, and networking opportunities

### DEGREE OPTIONS

#### The programs available:

- Bachelors (BDEM)
- Honours BDEM
- Honours specialized BDEM
- Honours minor BDEM
- Honours double major BDEM
- Honours major/minor BDEM
- Emergency management certificate

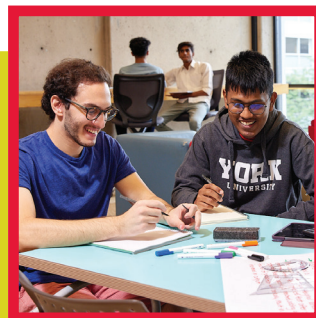
### ADMISSION REQUIREMENTS

#### For Ontario High school students:

- Ontario Secondary School Diploma (OSSD)
- ENG4U
- MHF4U or MDM4U
- And four additional 4U or M courses
- academic average—in the mid-70s.

For BDEM program details, visit [yorku.ca/laps/sas/bdem](http://yorku.ca/laps/sas/bdem)

For BDEM admission requirement details, visit [futurestudents.yorku.ca/your-application/how-apply/high-school-student-ontario](http://futurestudents.yorku.ca/your-application/how-apply/high-school-student-ontario)



## MASTER OF DEM (MDEM)

### PROGRAM CURRICULUM

- Disaster Concepts and Causes
- Social and Behavioral Dimensions
- Qualitative Research Methods
- Quantitative Methods
- Critical Infrastructure Protection
- Advanced Disaster and Emergency Management
- Natural Disasters
- Business Continuity Planning
- Terrorism Studies
- Applied Disaster Management
- Medical and Public Health Issues in Disasters
- Disaster Ethics
- Practicum in DEM

### DEGREE OPTIONS

- full-time in 4 terms
  - Part-time in 8 terms
  - Major Research Paper—24 course credits and a Major research paper
- OR
- Coursework—30 course credits

### ADMISSION REQUIREMENTS

- MINIMUM GPA—B+
- English
- TOEFL (Paper-based) 600
- TOEFL (Internet-based) 100
- IELTS (Academic Module) 7.5
- YUELI Academic Program Level 9

*Funding packages available, including awards, fellowships, scholarships, research assistantships, or graduate assistantships*

For MDEM program details, visit [dem.gradstudies.yorku.ca/about](http://dem.gradstudies.yorku.ca/about)

For MDEM admission requirement details, visit [futurestudents.yorku.ca/graduate/programs/disaster-and-emergency-management](http://futurestudents.yorku.ca/graduate/programs/disaster-and-emergency-management)



## DEM JOURNEY AT YORK

### ➤ ADVANCED DISASTER, EMERGENCY AND RAPID RESPONSE SIMULATION

Advanced Disaster, Emergency and Rapid Response Simulation (ADERSIM) - launched in 2018 as a platform for research and development of practical tools contributing to the efficient disaster and emergency management in Canada and worldwide.

It has embodied the features of modern Emergency Operations Center with the aim to evaluate and enhance disaster and emergency planning and rapid emergency response strategies by governmental, non-governmental and private sector organizations.

[adersim.info.yorku.ca/about/startup-companies](http://adersim.info.yorku.ca/about/startup-companies)

### ➤ CIFAL YORK

Under the umbrella of the United Nations Institute of Training and Research—the first CIFAL Centre in Canada was opened at York University in 2021 to enhance international development research and cooperation.

CIFAL Centers are local and regional hubs for innovative, participatory and co-creative knowledge exchange opportunities to support decision-making processes, build capacity, and accelerate the implementation of Sustainable Development Goals.

[yorkinternational.yorku.ca/cifal](http://yorkinternational.yorku.ca/cifal)

### ➤ Y-EMERGE

A cross-sector platform for the networking and cooperation, where experts, scholars, practitioners, students and citizens from all over the world come together to collaborate on innovative ideas and emphasize on research and training opportunities that contribute to community and organizational resilience.

[yorku.ca/research/yemerge/about](http://yorku.ca/research/yemerge/about)