

# Graduate Program in TECHNICAL MANAGEMENT



## Master's in Professional Studies: Technical Management

### Technical Management - a professionally-focused and relevant graduate degree

- » Acquire leadership skills to inspire, communicate, establish trust, and move an organization in a successful and innovative direction.
- » Learn to lead teams, projects, and organizations.
- » Apply management techniques to set up business policies and procedures, build high-performance and engaged teams, drive change.

### When you choose UMBC Professional Programs, you can count on:

- » Courses developed and taught by industry experts and designed to address real-world problems in the workplace.
- » Programs that use case-based studies to bring student and faculty experiences into the classroom.
- » Curriculum that teaches how to manage complex projects using the latest best practices from industry and PMI.
- » Flexible evening class schedule that accommodates working professionals.
- » Wide-ranging resources offered at a top-notch public research university.

### Why UMBC?

- » UMBC provides a comprehensive and quality education at a manageable cost.
- » UMBC is classified by the Carnegie Foundation as a Research University (High Research Activity).
- » UMBC is uniquely positioned to provide education and training that respond to the state's need for qualified technical professionals in the engineering field.
- » The 2017 *U.S. News & World Report Best Colleges* guide ranks UMBC in the top five on its closely-watched Most Innovative Schools list and has recognized UMBC as a global leader in higher education.



[umbc.edu/techm](http://umbc.edu/techm)

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## Admission Requirements

### **M.P.S.:**

- » An undergraduate degree in a science, technology, engineering, or mathematics related field
- » Experience in areas such as product development, software development, information systems development, research and development, and laboratories
- » Minimum undergraduate GPA of 3.0 on a 4.0 scale
- » Letters of recommendation and GRE scores are not required for applicants with a degree from an accredited U.S. institution

### **International Applicants:**

Please visit [umbc.edu/techm/international](http://umbc.edu/techm/international) for detailed admissions requirements for international applicants.

- » Please pay special attention to English proficiency and testing requirements

## Admission Deadlines

**Fall:** August 1

**Spring:** December 1

For detailed application process please visit: [umbc.edu/techm](http://umbc.edu/techm)

## Master's Program

### **Master's in Professional Studies: Technical Management 30 Credits (10 courses)**

#### **Required Core Courses (18 credits)**

ENMG 652: Management, Leadership and Communication

ENMG 654: Leading Teams and Organizations

ENMG 659: Strategic Management

ENMG 672: Decision and Risk Analysis

ENMG 656: Engineering Law and Ethics

ENMG 693: Management Capstone



#### **Technically Focused Management Electives (Select 4 courses) 12 Credits:**

ENMG 690: Innovation and Technology Entrepreneurship

ENMG 661: Leading Virtual/Global Teams

ENMG 658: Financial Management

ENMG 650: Project Management

ENMG 668: Project and Systems Engineering Management

ENMG 663: Advanced Project Management Applications

ENMG 664: Quality Engineering & Management

ENMG 680: International Project Management

ENMG 692: Principles of Organizational Learning

ENEE 660: Introduction to Systems Engineering

Graduate Level Information Systems, Computer Science, or Engineering Course

## Office of Professional Programs

UMBC's Office of Professional Programs offers a broad array of professionally focused master's degree and certificate programs that address industry needs while anticipating future opportunities. [umbc.edu/professionalprograms](http://umbc.edu/professionalprograms)



Please consult [umbc.edu/techm](http://umbc.edu/techm) for typical schedule.