

Graduate Program in TECHNICAL MANAGEMENT

UMBC
AN HONORS UNIVERSITY IN MARYLAND



Master's of 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.



techm.umbc.edu

For Program Information:

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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 techm.umbc.edu/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: techm.umbc.edu

Master's Program

Master's of 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

ESEE 660: Introduction to Systems Engineering

Graduate Level *Cybersecurity, Data Science, Information Systems, Computer Science, or Engineering Course

* Students can earn certificates in cybersecurity, data science, and systems engineering along with the Master's degree.



Please consult techm.umbc.edu for typical schedule.

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. professionalprograms.umbc.edu