

# Graduate Program in TECHNICAL MANAGEMENT



# UMBC

THE UNIVERSITIES AT SHADY GROVE



## 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.



Offered in  
Baltimore:  
**techm.umbc.edu**  
Rockville:  
**umbc.edu/techmsg**

#### For Program Information:

Dr. Toby Gouker  
Interim Program Director  
[tgouker@umbc.edu](mailto:tgouker@umbc.edu)

#### For Application Information:

Baltimore:  
Kim Edmonds | Program Coordinator  
[kedmonds@umbc.edu](mailto:kedmonds@umbc.edu) | 410-455-3445  
Rockville:  
[sgprofessionalprograms@umbc.edu](mailto:sgprofessionalprograms@umbc.edu)

## 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](http://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](http://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 656: Engineering Law and Ethics

ENMG 659: Strategic Management

ENMG 672: Decision and Risk Analysis

ENMG 693: Management Capstone



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

- Any Engineering Management course
- Any graduate level course\* in Engineering, Cybersecurity, Data Science, Information Systems, or Computer Science.

\*Students can earn post-baccalaureate certificates while also satisfying the elective requirements of the Master's degree: Project Management, Systems Engineering, Data Science, Cybersecurity, Integrated Product Development and Manufacturing, Health-IT, or Geographical Information



Please consult [techm.umbc.edu](http://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](http://professionalprograms.umbc.edu)