



## Graduate Programs in Technical Management

### Master 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.

techumbc.edu

**For program information:**  
Dr. Toby Gouker  
Interim Program Director  
tgouker@umbc.edu

**For application information:**

**Baltimore:**

Kim Edmonds, Program Manager  
kedmonds@umbc.edu  
410-455-3445

**Rockville:**

Karina Jenkins, Program Manager  
sgprofessionalprograms@umbc.edu  
301-738-6285

## ADMISSIONS REQUIREMENTS

- » 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

## ADMISSIONS DEADLINES

**Fall:** August 1

**Spring:** December 1

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

### 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)

# Master's of Professional Studies (M.P.S.):

*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.