



# UMBC

## Graduate Program in Engineering Management

### Master's of Science:

*Engineering Management*

### Post-Baccalaureate Certificate:

*Engineering Management*



### ENGINEERING MANAGEMENT - A PROFESSIONALLY- FOCUSED AND RELEVANT GRADUATE DEGREE

- » Learn to manage complex technological and business-related problems present in today's economy.
- » Develop leadership and project management skills to successfully lead technical teams.
- » Acquire new skills in your chosen technical field.

### 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.
- » 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.
- » 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 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.

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

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## ADMISSIONS REQUIREMENTS

- » A bachelor's degree in Engineering, Computer Science or Information Systems
- » Minimum undergraduate GPA of 3.0 on a 4.0 scale
- » GRE scores are not required
- » Letters of recommendation are not required for applicants with a degree from accredited U.S. institution

## INTERNATIONAL APPLICANTS

- » Please visit [engm.umbc.edu/international](http://engm.umbc.edu/international) for detailed admissions requirements for international applicants.
- » Please pay special attention to English proficiency and testing requirements

## ADMISSIONS DEADLINES

**Fall:** August 1

**Spring:** December 1

For detailed application process please visit [engm.umbc.edu](http://engm.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 Science (M.S.):

## Engineering Management

30 Credits (10 courses)

### REQUIRED CORE COURSES 12 CREDITS

ENMG 650: Project Management  
Fundamentals

OR

ENMG 668: Project and SE Management

ENMG 652: Management, Leadership, and  
Communication

ENMG 656: Engineering Law and Ethics

ENMG 658: Financial Management



### ELECTIVE MANAGEMENT COURSES (6 CREDITS)

Select two (2) course with management content:

- Any Engineering Management course.
- Graduate level course in other Professional Programs (with advisor approval)

### COURSES IN ENGINEERING, COMPUTER SCIENCE, AND INFORMATION TECHNOLOGY (12 CREDITS)

Select four (4) Technical graduate level courses in Engineering, Computer Science, or Information Technology

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### POST-BACCALAUREATE CERTIFICATE: ENGINEERING MANAGEMENT 4 REQUIRED COURSES (12 CREDITS)

ENMG 650: Project Mgmt. Fundamentals  
OR

ENMG: 668: Project and SE Management

ENMG 652: Management, Leadership and  
Communications

ENMG 656: Engineering Law and Ethics

ENMG 658: Financial Management



Please consult [engm.umbc.edu](http://engm.umbc.edu) for current schedule.

This academic program is a participant in the U.S. Department of Education Gainful Employment program. For more information, <https://gradschool.umbc.edu/resources/careers/gainfulemploy/>