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.

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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

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 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/