E²M Excellence in Engineering and Management

Connecticut’s First Dual Degree Program in Engineering and Management

The E²M program, Excellence in Engineering and Management, enables full- and part-time engineering graduate students to earn both their Master of Engineering (M. Eng.) and Master of Business Administration (MBA) degrees by successfully completing 63 credits of study. This is 18 fewer credits than if the degrees were pursued separately. And with four different engineering specialties to choose from, the E²M program is as flexible as it is efficient.

Faculty

At the University of Hartford, the primary commitment of the faculty is teaching. In both the College of Engineering, Technology and Architecture and the Barney School of Business, faculty members combine impressive educational backgrounds with broad experience in business and industry. You’ll encounter professional engineers who are currently engaged in both consulting and research within their specialties. And you can benefit from the contacts and experiences that Barney School professors have gained with the regional, national, and international business communities.

A Unique Three-Way Partnership

Cooperation between the Barney School of Business and the College of Engineering extends to a third party - business and industry in Greater Hartford. Course work at the Barney School includes applied projects, where students formulate marketing and business plans for area companies. The Engineering Applications Center assists local businesses and industries in applying new techniques, and students become involved through application projects, symposia and forums.
Requirements for the portions of the Master of Engineering Degree (24 credits)

Mathematics (6 credits required)
- M 515 Methods of Applied Mathematics I
- M 517 Applied Engineering Statistics

Engineering Concentration - 5 courses from engineering specialty. (15 credits required)

Specialties:
- Civil Engineering
- Environmental Engineering
- Mechanical Engineering
- Manufacturing Engineering
- Electrical Engineering
- Turbomachinery

Independent Study
Independent Study in the Engineering Specialty

Requirements for the portion of the Master of Business Administration Degree (39 credits)

Core Courses (18 credits required – 3 credits each)
- MBA 610 Quantitative Decision Making
- MBA 612 Accounting Concepts
- MBA 614 Economic Analysis for Managers
- MBA 616 Corporation Finance
- MBA 618 Marketing Management
- MBA 620 Operations Management

Breadth Courses (18 credits required – 3 credits each)
Core courses must be taken before Breadth courses (no waivers)
- MBA 710 Leadership and Management
- MBA 720 Managing Technology
- MBA 730 Managing Customer Interfaces
- MBA 740 Business Law & Society: The Global Environment
- MBA 750 Performance Analysis
- MBA Elective

Capstone Courses: Completion of Core and Breadth courses required. Transfer credit will not be accepted for this course. (3 credits required)
- MBA 810 Organizational Strategy and Policy

In addition to the general admission requirements for Engineering, a student must achieve a minimum score of 450 on the GMAT.