



UNIVERSITY
OF HARTFORD

EXCELLENCE IN ENGINEERING AND MANAGEMENT (E²M) PROGRAM (M.Eng. and M.B.A.)



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OVERVIEW

The E²M program is the first dual-degree program in Connecticut in engineering and management, enabling full- and part-time engineering graduate students to earn both a Master of Engineering (M.Eng.) and a Master of Business Administration (M.B.A.) by taking a total of 63 credits. This is 18 fewer credits than if the degrees were pursued separately. With four different engineering specialties from which to choose, the E²M program is as flexible as it is efficient. E²M is a unique, three-way partnership between the Barney School of Business and the College of Engineering, Technology and Architecture, and extending to a third-party business and industry in Greater Hartford.

REQUIREMENTS

This program allows full- and part-time engineering students in the graduate program to earn MEng and MBA degrees by taking a total of 63 credits. The prerequisite is a bachelor's degree in engineering, and students will have to satisfy all requirements necessary to pursue an M.Eng. degree. Students with a bachelor's degree in physical sciences, mathematics, and other fields may also apply but will have to take additional courses at the undergraduate level to remove deficiencies in the engineering major they plan to pursue. Students must also have successfully completed Basic Principles of Economics (EC 600) or equivalent course work.

GMAT test scores are required of all applicants. International students must earn a score of 550/213/79-80 or higher on the TOEFL. Additionally those students seeking a graduate assistantship in engineering must take the GRE and achieve a minimum of Verbal 400, Quantitative 700, and Analytical.

The E²M Program can be a full- or part-time program.

APPLY NOW





Course work at the Barney School includes applied projects, for which 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.

ACCREDITATION

All graduate engineering degree programs are accredited by the New England Association of Schools and Colleges and by the Board of Higher Education of the state of Connecticut. According to ABET (Accreditation Board for Engineering and Technology) regulations, ABET does not accredit both undergraduate and graduate programs at the same time.

The Barney School of Business is accredited by AACSB International –the Association to Advance Collegiate Schools of Business. As a member of the select group that is approximately 554 accredited business programs in the United States, Canada, and Europe, the School is committed to providing high-quality business and management education.

COLLEGE OF ENGINEERING REQUIREMENTS

To be considered for admission applicants must have an appropriate baccalaureate degree in engineering from an engineering degree program accredited by the Engineering Accreditation Commission (EAC) of the Accrediting Board for Engineering and Technology (ABET); and have a minimum 3.0 GPA as an undergraduate.

Applicants who hold baccalaureate degrees in engineering fields not usually considered typical (electrical, mechanical, civil, aerospace, chemical, computer, or control engineering are typical engineering degrees), or who hold baccalaureate or master's degrees in non-engineering fields or in engineering technology, or those whose undergraduate GPA is below 3.0 but who have significant engineering experience will be considered on an individual basis. The same applies to applicants holding bachelor degrees from institutions not accredited by EAC/ABET. Applicants in these categories may be required to complete specified undergraduate engineering courses before being admitted to the Master of Engineering program. Students should obtain at least a B grade in all such preparatory courses. Applicants may enroll for up to 6 credits on a nonmatriculated basis prior to making formal application for admission. Grades of courses taken on this basis will be considered in the review of the application.

APPLICATION REQUIREMENTS

The admissions review committee will consider only complete applications. All application materials should be sent to the Graduate Office at the following address: Center for Adult and Graduate Academic Services, CC231; University of Hartford; 200 Bloomfield Avenue; West Hartford, CT 06117 USA.

The following items are required:

- An application
- A non-refundable application fee of \$45 domestic and international (checks payable to the University of Hartford)
- Official transcripts for all collegiate level coursework forwarded to the University of Hartford
- Letter of Intent
- Current Resume
- 2 letters of recommendation
- Official results of the GMAT (Graduate Management Admission Test) forwarded to the University of Hartford using school code XBB-NR-25.* Visit: www.mba.com
- If interested in an assistantship: official results of the GRE (Graduate Record Exam) forwarded to the University of Hartford using school code 3436. Visit: www.ets.org

International Applicants

The following items are required in addition to the above:

- **TOEFL** – official scores to be submitted. The University of Hartford test code number is 3436. Visit TOEFL at: www.ets.org Min score: 550 paper-based; 79-80 iBT. IELTS is also accepted. Min score 6.5 Visit: www.ielts.org
- **Transcript evaluation** – transcripts must be evaluated by the World Evaluation Services/ WES Visit: www.wes.org The evaluation at a minimum should indicate that the student has completed the equivalent of a four-year bachelor's degree at a U.S. regionally accredited institution. The \$45.00 application fee will be waived to defray the cost of the evaluation.
- **Guarantor's Statement** – A certified Guarantor's Statement of financial support is required. You may download the Guarantor's Statement at: www.hartford.edu/graduate/int



GMAT INFORMATION*

GMAT Waiver: Applicants who hold a master's degree or higher from an appropriately accredited institution are exempt from taking the GMAT. Applicants with three or more years of continuous, significant work experience may apply for a waiver from the GMAT. Each request for a GMAT waiver is individually evaluated. Applicants requesting a waiver must submit a written statement requesting the GMAT waiver and reasons why it should be granted.

GMAT Testing: The GMAT examination has a new, flexible schedule of test dates. Students may call test centers and arrange for individual computerized testing. Scores are available within a few weeks. GMAT scores are valid for five years.

DEADLINES AND DATES

Admission into the E²M can occur for the fall or spring Semester. Applications are accepted year-round, but should be received 60 days before the start of the term for which the student is seeking admission. The admissions committee will review complete applications in the order in which they are received.

COSTS OF ATTENDANCE

Graduate students are charged the per-credit rate based on the college that the specific course is in. The 2008-2009 per-credit rate for courses in the College of Engineering is \$540. The 2008-2009 per-credit rate for courses in the Barney School of Business is \$650 per-credit hour.

FINANCIAL AID

Domestic Financial Aid:

Financial assistance for graduate and professional students through the Office of Admission and Student Financial Assistance at the University of Hartford is limited to the Federal Family Education Loan and supplemental loan programs. Students must meet all eligibility requirements as established by the U.S. Department of Education. The academic year includes summer, fall, and spring.

There are three items which students must satisfy in order to be eligible for financial aid:

- Be matriculated into a graduate degree-granting program
- Be registered for at least 6 credits a semester-except Summerterm, which contains 2 six-week sessions. You may satisfy the 6 credit requirement during Summerterm by taking 6 credits during one session or by taking 3 credits each session.
- File the Free Application for Federal Student Aid (FAFSA) for the academic year and meet all eligibility requirements established by the U.S. Department of Education.

For more information, call 800.947.4303 or email: finaid@hartford.edu

International Financial Aid:

Financial aid for international graduate students is currently limited to Graduate Assistantships. These assistantships are administered by the individual departments throughout the University and vary in size and availability.

Assistantships and Fellowships:

The College of Engineering has a number of openings available for graduate assistantships. To qualify, a graduate student must be matriculated and carrying at least 9 credits per semester. Official Graduate Record Examination (GRE) scores are also required but only for the first semester of study. The amount of assistantship is up to \$2,500 per semester, reflecting a commitment of up to 20 work hours per week. Work assignments are determined by the department that oversees the student's technical specialty. Assistantships will be awarded on the basis of academic performance and financial need. Cumulative and most recent semester grade point averages will determine academic performance. Assistantships will be awarded on a semester basis. Consideration for continuation of an assistantship requires a minimum cumulative grade point average of 3.00. Documentation of financial need will be required. Please note, assistantships, fellowships or other support a student receives as a result of their enrollment may impact Federal Stafford Loan eligibility.



The graduate program stresses applied research for the practicing engineer. The goal is to prepare you to solve more sophisticated design problems that will help you advance in your engineering career. Small classes promote interaction with the faculty.

PROGRAMS OF STUDY

The E²M Program requires 63 credits. The program outline is as follows:

MATH COURSES

- M 515 Methods of Applied Mathematics
- M 517 Applied Engineering Statistics

CORE COURSES

Waiver or transfer possible based on prior course work

- 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 I

- MBA 710 Leadership and Management
- MBA 720 Managing Technology
- MBA 730 Managing Customer Interfaces
- MBA 740 Business Law and Society: The Global Environment
- MBA 750 Performance Analysis
- MBA Elective

CAPSTONE

MBA 810 Strategic Management

BREADTH II

Electives related to specialty in Engineering as follows:

- Five courses from Engineering Specialty
 - Engineering Specialties:
 - Environmental Engineering
 - Mechanical Engineering
 - Manufacturing Engineering
 - Turbomachinery
 - Electrical and Computer Engineering
 - Civil Engineering
- One Independent Study in the Engineering Specialty

FURTHER INFORMATION

The Center for Graduate and Adult Academic Services is happy to provide more specific information about a degree program or answer any other questions you may have. Please contact the office at: gradstudy@hartford.edu or by phone at 860.768.4371 or 800.945.0712.

Thank you again for your interest in the University of Hartford. We encourage you to explore our website at Graduate Program Website.

Program Website: www.hartford.edu/graduate



Our next open houses are:

AUGUST 26, 2008
JANUARY 15, 2009

To make a reservation,
click here. 