MASTER OF ENGINEERING MANAGEMENT



Program Flow Chart

Example for Non-Engineering Undergraduates

Fall	Winter	Spring	Summer	Fall	Winter
ENGM184 Optimization	ENGS 93 Statistics	ENGM 183 Operations		ENGS 103 Operations Research	MEM Elective
ENGM 181	ENGM 179	ENGM 180	ENGG 390	MEM Elective	MEM Elective
Marketing	Accounting	Finance	Internship		
ENGM 178 Technology Assessment	ENGS 22 Systems	ENGM 182 Data Analytics		ENGS Distributive Core	ENGS Gateway Elective

ENGM 387 MEM Professional Skills MEM students must choose either ENGM 182 or ENGS 103 (or both) to fulfill degree requirements.

Non engineers entering the MEM program are required to take three additional undergraduate engineering courses.

- 1) ENGS 22
- 2) Distributive Core Choose between: ENGS 24, 25, 26, 27
- 3) Gateway Elective Choose between: ENGS 31, 32, 33, 34, 30, 35, 36, 37

MASTER OF ENGINEERING MANAGEMENT



Program Flow Chart

Entering with an ABET Accredited Degree

Engineering Management Electives (choose at least 1)

ENGG 103 Operations Research

ENGS 157 Chemical Process Design

Industrial Ecology

ENGM 182 Data Analytics

ENGM 185 Topics in Manufacturing Design and Processes

ENGM 186 Technology Project Management

ENGM 188 Law, Technology, and Entrepreneurship

ENGM 189 Topics in Engineering Management (2 half-terms)

ENGM 190 Platform Design, Management, and Strategy

Additional Electives

MEM students can choose to enroll in any graduate level engineering course at Thayer or they may choose to take electives at the following graduate schools:

- Tuck School of Business
- · Geisel School of Medicine
- Dartmouth Graduate School of Art's and Science
- The Dartmouth Institute for Health Policy & Clinical Practice
- The Vermont Law School

Tuck Electives

MEM students may take two electives from the Tuck School of Business. Additional Tuck electives will increase the tuition charge for the term.

MEM Focus Areas

Students have the option to target their MEM studies toward a specific field of interest.

- Healthcare Systems
- Energy and Environment
- Operations and Analytics
- · Management of Design
- Entrepreneurship

Elective choices and focus descriptions can be found at: engineering.dartmouth.edu/graduate/mem/options.html

MEM students who complete three electives in a specific MEM focus area and complete an ENGG 390 project in the same area will be granted a certificate of completion.