# MEM MASTER OF ENGINEERING MANAGEMENT



# **Program Flow Chart**

Example for Dartmouth BE and Dual Degree Students

BE Year				MEM Year			
Fall	Winter	Spring	Summer	Fall	Winter	Spring	
BE Elective	ENGS 93 Statistics (Formerly 103)	BE Elective		ENGS 103 Operations Research	MEM Elective	ENGM 183 Operations	
ENGS 89	ENGS 90	BE Elective	ENGG 390 Internship	ENGM 181 Marketing	ENGM 179 Accounting	ENGM 180 Finance	
ENGM 178 Technology Assessment	BE Elective	MEM Elective		ENGM 184 Optimization	MEM Elective	ENGM 182 Data Analytics	

ENGM 387 MEM Professional Skills

Students must choose either ENGM 182 or ENGS 103 (or both) to fulfill degree requirements.

ENGS 93 can be double counted towards both your BE and MEM Degree requirements

## MASTER OF ENGINEERING MANAGEMENT



# **Program Flow Chart**

Entering with an ABET Accredited Degree

### **Engineering Management Electives (choose at least 1)**

ENGG 103 Operations Resarch

ENGS 157 Chemical Process Design

ENGS 171 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: <a href="mailto:engineering.dartmouth.edu/graduate/mem/options.html">engineering.dartmouth.edu/graduate/mem/options.html</a>

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.