# MEM MASTER OF ENGINEERING MANAGEMENT



PROGRAM FLOW CHART

# **Accredited Degree Students**

Fall	Winter	Spring	Summer	Fall
ENGM 184 Optimization	ENGS 93 Statistics	ENGM 183 Operations		ENGS 103 Operations Research
ENGM 181 Marketing	ENGM 179 Accounting	ENGM 180 Finance	ENGG 390 Internship	Elective
ENGM 178 Technology Assessment	Elective	ENGM 182 Data Analytics		Elective

ENGM 387 MEM Professional Skills

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





# **Courses and Electives**

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

ENGG 103 Operations Research
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.