* Students must choose either ENGM 182 (offered in Spring) or ENGG 103 (or both) to fulfill degree requirements.
**Residency Requirement**
All MEM students must be enrolled at Thayer School for a minimum of three terms. The Summer ENGG 390 project counts towards one of these terms. Most MEM/MBA Joint Degree students will enroll at Thayer during the fall of their 2nd year.

**Credits Requirement**
All joint MEM/MBA candidates must submit 9 credits (full courses) to Thayer School to complete the MEM degree. Tuck MBA graduates receive credit for ENGM 179, 180, 181, 183 and 387 for their courses work in the MBA core.

**Applied Math (choose at least 1)**
- ENGG 103  Operations Research
- ENGM 182  Data Analytics

**Engineering Management Electives (choose at least 1)**
- ENGG 103  Operations Research
- ENGS 108  Applied Machine Learning
- 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
- Guarini School of Graduate and Advanced Studies
- The Dartmouth Institute for Health Policy & Clinical Practice
- The Vermont Law School