On-Campus Master of Science in Engineering Management
FULL-TIME • 12-15 MONTHS • 32 CREDITS

MSEM CORE CURRICULUM (26 CREDITS)

The MSEM Core Curriculum is a cohort-based, integrated experience that provides you with the essential business and leadership skills you need to be a leader in a technology-driven world.

ACADEMIC YEAR 1  19 CREDITS

FALL SEMESTER

- EM-220A New Product Development & Business Communications 2 CREDITS
- EM-230A Project Management & Software Methodologies 2 CREDITS
- EM-230B Finance and Accounting 2 CREDITS
- EM-260A Building & Leading Teams 2 CREDITS
- EM-260C Conflict Resolution 1 CREDIT

SPRING SEMESTER

- EM-210C Selected Topics in Data Science & Big Data 1 CREDIT
- EM-220B Experience Design 2 CREDITS
- EM-240B Business & Technology Strategy 3 CREDITS
- EM-250A Personal Leadership 1 CREDIT
- EM-250C Practice of Ethical Leadership 1 CREDIT
- EM-260B Leading Organizations 2 CREDITS

SUMMER  7 CREDITS

- EM-250B Ethics of Leadership 1 CREDIT
- EM-270 Industry Consulting Project - Team Practicum 3 CREDITS
  Over a 12-week period, you will work on a team to research, develop strategies, and make recommendations to solve a problem or seize an opportunity for a client organization.
- EM-280 Capstone Leadership Project 3 CREDITS
  Over the course of 3+ months, you will complete a large-scale project that demonstrates your newly acquired leadership, strategic management, and communication skills.

ELECTIVES  (6 CREDITS)

During the fall and spring semesters, choose electives offered by Tufts Gordon Institute or explore other interests by choosing electives from across Tufts University. Create your own personalized hybrid experience by selecting on-campus or online courses.

Tufts Gordon Institute Electives
- Data Analytics (Intro & Advanced)
- Fundamentals of Economics
- Globalization & Multinational Strategy
- Modern Product Management (Intro & Advanced)
- Operations Management
- Supply Chain Management
- Systematic Innovation

Note:
The full-time On-Campus MS in Engineering Management program can be completed in as little as one year. If students would like to extend their Tufts experience, the Capstone Leadership Project and electives could be completed in a subsequent year.