

On-Campus Master of Science in Engineering Management

PART-TIME · 2+ YEARS · 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 17 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

SPRING SEMESTER

EM-210C Selected Topics in Data Science & Big Data 1 CREDIT

EM-220B Experience Design 2 CREDITS

EM-241 Business & Technology Strategy 3 CREDITS

EM-250A Personal Leadership 1 CREDIT

EM-260B Leading Organizations 2 CREDITS

SUMMER 3 CREDITS

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.

ACADEMIC YEAR 2 6 CREDITS

FALL SEMESTER

EM-250B Ethics of Leadership 1 CREDIT

EM-260C Conflict Resolution 1 CREDIT

EM-280 Capstone Leadership Project* 3 CREDITS

Over the course of 3-6 months, you will complete a large-scale project that demonstrates your newly acquired leadership, strategic management, and communication skills.

SPRING SEMESTER

EM-250C Practice of Ethical Leadership 1 CREDIT

ELECTIVES (6 CREDITS)

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)
- Modern Product Management (Intro & Advanced)
- Operations Management
- Supply Chain Management
- Systematic Innovation

*The Capstone Leadership Project and electives can be completed in Academic Year 2 or subsequent years.