

Master of Science in **Engineering Management**

PREPARING LEADERS FOR THE NEW WORLD OF WORK
PART-TIME • SELF-PACED • 32 CREDITS

Ready to lead?

Develop the skills you need to thrive in an increasingly complex and rapidly changing world, all within a personalized, top-tier graduate experience that can be accessed from anywhere in the world. Built on over 30 years of success, our newly re-envisioned MSEM program brings a hands-on and relevant curriculum right to you. By joining our community of like-minded learners, you gain access to our industry-expert faculty, built-in mentorship and personal coaching, as well as an expansive network of Tufts alumni.

Who should apply?

Global STEM-focused professionals with 2+ years of work experience who want to break into management or advance their careers.

How is the program structured?

Earn your master's degree while setting your own part-time pace of study. Complete the program 100% online or create a unique blend of online and in-person experiences. Local students can choose to enroll in elective courses offered online or on-campus. All students who would like to travel to Tufts University's campus are invited to participate in optional immersive weekend experiences where they can earn elective credit, engage in hands-on learning, and build their network in-person.

How much does it cost?

The program is billed on a per-credit rate of \$1,697* for 32 total credits. Depending on your pace of study, tuition will be paid over 2-5 years.

What will I learn?

It's more than acquiring new knowledge. It's developing new competencies that complement your technical expertise. Broaden your perspective with an understanding of strategic management for tech companies in today's global landscape. Use systematic methods & data practices to generate organizational value. Make your learning actionable through an immersive focus on leadership development, maximizing your ability to solve problems, lead teams, and make effective decisions.

MSEM CORE COURSES 18 CREDITS

A series of 7-week short courses in which you gain an understanding of how to lead yourself and others in the development of new products or services that meet customer and business needs. Make data-driven decisions and manage change in complex environments. All core courses are delivered online across fall and spring semesters so you can join from wherever life takes you. Primarily asynchronous so you can study on your own schedule, some may feature optional, weekly live sessions where you can engage with faculty, meet your cohort, & dive into deeper topical discussions.

CORE COURSES – PART 1:

Essentials of Technology Strategy 2 CREDITS
Leadership: Personal and Team Development 2 CREDITS
Building Financial Intelligence 2 CREDITS
Customer Discovery and Solution Design 2 CREDITS

CORE COURSES – PART 2:

Introduction to Data Analytics 2 CREDITS
Solving Complex Problems; Systems Thinking 2 CREDITS
Program and Project Management 2 CREDITS
Essentials of Business Strategy 2 CREDITS
Practice of Ethical Leadership 2 CREDITS

CORE MILESTONE PROJECTS 4 CREDITS

With your newfound skills and expertise, you will apply your learning in two projects over the course of your MSEM experience.

New Product & Service Development

After completing MSEM Core Part 1, you will apply your learning in a small, virtual team to develop the business plan for a new product or service, supported by a faculty advisor. During this integrated team project, you will participate in weekly seminars to learn best practices in product development.

Individual Capstone Leadership Project

You'll impress your boss and your boss' boss by utilizing what you've learned in the classroom to complete an impactful Capstone Leadership Project in your organization, showing exactly what you're capable of achieving, all while being supported by a faculty advisor.

ELECTIVES 10+ CREDITS

Discover your passions through either online or in-person elective courses. Choose from Tufts Gordon Institute's options or leverage Tufts University's vast graduate offerings. You can also earn elective credit by participating in optional, 1-credit immersive experiences where you'll engage in intense, in-person studies and social activities with colleagues, faculty, and industry experts over the course of several days.

COURSES INCLUDE:

Any course across Tufts University (100 or 200 level). Topical courses offered by Tufts Gordon Institute, including:

Advanced Topics in Product Management
Business Communications
Creativity & Innovation
Industry Consulting Practicum
Introduction to Management Consulting

Leadership in the Age of Technology
Lean Six Sigma
Modern Product Management
Industry Consulting Practicum
Prescriptive Analytics

Full list of offerings to be announced each semester.