

The Dual Degree Program

MS in Innovation & Management + MS in Engineering

FULL-TIME PROGRAM • 2 YEARS • 16 COURSES

9 COURSES
ACADEMIC YEAR 1

Get ready to run... with your ideas. Kick off your experience in the fall semester, fully immersed in the MSIM program. Work with a team to develop a meaningful new product or service idea. Let your passion drive your work. In the spring semester, dive deeper into the innovation process and continue your MSIM courses and seminars. You will also begin your MS in Engineering program by completing 2 courses in your field of study.

FALL SEMESTER

- EM221 New Product Innovation
 - EM242 Marketing: Branding and Digital Communications
 - EM255 Finance for High-Tech Ventures
 - EM263 Leading for Impact
- Graduate Seminars
- Innovator's Mindset Series
 - Career Development Program

SPRING SEMESTER

- EM212 Applied Data Science
 - EM253 Technology & Innovation Strategy
 - EM262 Conflict Resolution
 - EM294 Special Topics in Innovation & Management
 - MSEng MS in Engineering Courses 1 and 2
- Graduate Seminars
- Innovator's Mindset Series
 - Career Development Program

1 PROJECT
SUMMER

The most real-world experience yet. Choose from a variety of hands-on industry experiences to build your resume and apply your learned skills, all within the Capstone Innovation & Leadership Project.

SUMMER SEMESTER

- EM281 Capstone Innovation & Leadership Project
- Project Options Include:
- Intern/Job: Take on an internship or a permanent role anywhere across the globe.
- Entrepreneur: Continue developing your Innovation Sprint venture.

6 COURSES
ACADEMIC YEAR 2

Build your technical expertise. Engage deeply in your technical discipline by completing the courses required for your MS in Engineering degree. Double-counting 4 courses means most students will complete 6 additional courses across Academic Year 2. The total number of courses required may vary depending on the requirements of your MS program and the number of MS in Engineering courses completed in Academic Year 1.

FALL + SPRING SEMESTERS

MS in Engineering degree program courses

Choose from 14 School of Engineering programs:

- Bioengineering
- Biomedical Engineering
- Chemical & Biological Engineering
- Civil & Environmental Engineering
- Computer Engineering
- Computer Science
- Data Science
- Electrical Engineering
- Human Factors Engineering
- Human-Robot Interaction
- Materials Science & Engineering
- Mechanical Engineering
- Offshore Wind Energy Engineering
- Software Systems Development