

# The Dual Degree Program

*MS in Innovation & Management + MS in Biomedical Engineering*

FULL-TIME PROGRAM • 2 YEARS • 16 COURSES

ACADEMIC YEAR 1  
10 COURSES

*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 Biomedical Engineering program by completing 2 courses.

## FALL SEMESTER

- EM221 New Product Innovation
- EM242 Marketing: Branding and Digital Communications
- EM255 Finance for High-Tech Ventures
- EM263 Leading for Impact

## SPRING SEMESTER

- EM212 Applied Data Science
- EM253 Technology & Innovation Strategy
- EM262 Conflict Resolution
- EM294 Special Topics in Innovation & Management
- MSBME Biomedical Engineering Electives 1 & 2

### GRADUATE SEMINARS (FALL & SPRING)

Innovator's Mindset Series • Career Development Program

SUMMER  
1 PROJECT

*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.

ACADEMIC YEAR 2  
6 COURSES

*Build your technical expertise.* Engage deeply in all things Biomedical Engineering. With the Dual Degree program, double-counting courses streamlines your path to graduation. The total number of courses and exact schedule may vary depending on the options you choose to tailor your MS in Biomedical Engineering experience. Below is a sample schedule on the Biomechanical Systems & Devices Track with a Master's Project option.

## FALL SEMESTER

- BME0250 Principles of Biomedical Engineering
- BME0141 Analytical Tools of Biomedical Engineering *or*
- BME0162 Molecular Biotechnology

## SPRING SEMESTER

- BME0131 Principles of Medical Imaging
- BME0176 3D Printing the Human Body
- BME0185 Drug Product Formulation

### GRADUATE SEMINAR (FALL & SPRING)

MS students must enroll in the Biomedical Engineering Graduate Seminar.

Master's Thesis and Project Options are available.  
Explore full program options by visiting: [engineering.tufts.edu/bme](http://engineering.tufts.edu/bme)