Master of Science in Management Science & Engineering

The Master of Science program in Management Science and Engineering (MS&E), is offered by the IEOR Department in partnership with Columbia Business School. This is the first program of its kind between Columbia Engineering and Columbia Business School. The Program provides rigorous exposure to optimization and stochastic modeling in addition to a deep coverage of applications in the areas of operations engineering and management.

Graduates from this Program assume positions as analysts and associates in consulting firms, business analysts in logistics, supply chain, operations, or revenue management departments of large corporations, and as financial analysts in various functions (e.g. risk management) of investment banks, hedge funds, credit card companies, and insurance firms.

Admissions Office Hours
Monday - Friday, 3:00 - 4:00pm
RSVP with admit@ieor.columbia.edu

Application Deadline
February 15
of the year of matriculation
mse.ieor.columbia.edu
ieor.columbia.edu/ieor-admissions
“MS&E students are enrolled in my Operations Consulting course, a year-long hands-on laboratory in which students ‘learn by doing’ in real-world consulting projects for manufacturing and service, domestic and global, and start-up companies from all sectors. Student teams focus on identifying, modeling, and testing operational improvements and innovations with potential to enhance the profitability and achieve sustainable competitive advantage for their sponsor companies. This experience is a tremendous opportunity for professional growth and job placement for our students.”

Dr. Soulaymane Kachani
Vice Provost of Columbia University Senior Vice Dean of Columbia Engineering

“It’s inspiring to work with talented individuals while uncovering the many exciting career opportunities available to them. Our unique MS&E Program cultivates the quantitative skills associated with engineering and produces proficiency in qualitative abilities — providing a significant competitive advantage in today’s global business environment. MS&E students regularly receive offers from top consulting and financial services firms, including Fortune 500 companies. Our students also flex their entrepreneurial muscles by working for start-ups and even starting their own ventures.”

Mindi Levinson
MS&E Career Placement Director