

# MS&E PROGRAM

For Fall 2017 semester, register for the following:

1. IEOR E4004-001 Optimization Models and Methods
2. IEOR E4101 Probability Models for MSE
3. IEOR E4111 Operations Consulting
4. DROM B8000-060 Introduction to Spreadsheet Optimization and Simulation
5. ENGI E4000-010 Professional Development
6. Semi-Core Elective (1 or 2 courses), refer to [advising deck](#) to select)

# Probability Part 1 Waiver

- IEOR E4101 Probability Models is a foundational core course; inadequate preparation will lead to difficulty completing the program.
- You have an option to take the full course in the fall or request to take a waiver exam for the first half of the course.
- To request a waiver exam, fill out the form: <https://goo.gl/forms/iLxJ0kMswDpJ1AMy1>
- Deadline to request the waiver: August 21, 2017

# INTEREST IN CONSULTING

- IEME E4310 The Manufacturing Enterprise
- IEOR E4000 Operations Management
- IEOR E4407 Game Theoretic Models of Operations
- IEOR E4418 Transportation Analytics and Logistics
- IEOR E4520 Applied Systems Engineering
- IEOR E4550 Entrepreneurial Business Creation
- IEOR E4711 Global Capital Markets
- IEOR E4555 Design and Agile Project Mgmt. Eng. Lab  
([Application required](#); Deadline: August 4th)
- DROM B8107-060/061 Service Operations
- DROM B8510-060/061 Managerial Negotiations

# INTEREST IN MANAGEMENT

- IEOR E4000 Operations Management
- IEOR E4550 Entrepreneurial Business
- IEOR E4575 Designing Digital Operating Models
- IEOR E4998 Managing Tech. Innovations
- DROM B8107-060/061 Service Operations
- DROM B8510-060/061 Managerial Negotiations

# INTEREST IN FINANCE

- ECON GU4280 Corporate Finance ([By application](#) only; Deadline: August 4th)
- IEOR E4403 Quantitative Corporate Finance
- IEOR E4700 Introduction to Financial Engineering
- IEOR E4711 Global Capital Markets
- DROM B8116-060 Risk Management

# INTEREST IN ANALYTICS

- IEOR E4540 Data Mining
  - IEOR E4575 Designing Digital Operating Models
  - IEOR E4650 Business Analytics
  - DROM B8131-060 Sports Analytics
  - DROM B8816-001 Quantitative Pricing & Revenue Analytics (1.5)
  - IEOR E4522 Python for Operations Research (1.5)\*
  - IEOR E4523 Data Analytics for Operations Research\*
- \*The above two courses will be opened for registration in late August. Priority is given to MSOR students.

# INTEREST IN ENTREPRENEURSHIP

- IEOR E4403 Quantitative Corporate Finance
- IEOR E4550 Entrepreneurial Business Creation
- IEOR E4555 Design and Agile Project Mgmt. Eng. Lab ([Application Required](#); Deadline: August 4th)
- IEOR E4998 Managing Tech. Innovations
- DROM B8510-060/061 Managerial Negotiations
- DROM B8858-060 Data-Driven Entrepreneurship

# EXCLUSIVE BUSINESS SCHOOL MSE COURSES

The following courses are special courses from the Business school exclusive to MS&E students:

- DROM B8107-060/061 Service Operations
- DROM B8116-060 Risk Management
- DROM B8131-060 Sports Analytics
- DROM B8510-060/061 Managerial Negotiation
- DROM B8858-060 Data-Driven Entrepreneurship