

**Department of Industrial Engineering and Operations Research
Industrial Engineering Master of Science Program Sheet**

Name: _____

Advisor: _____

Required Core Courses

Course	Registered	Complete	Substitution	Approval	Notes
IEOR E4000					
IEOR E4004					
SIEO W4150 ¹					
IEOR E4106					

¹ Alternatively, students can take SIEO W4105 and STAT W4107 instead of SIEO W4150

**Elective Courses
(Two must have an IEOR Designation)**

Course	Registered	Complete	Points	Approval

Pre-Approved Elective List

- IEOR E4001 Design and Management of Production and Service Systems
- IEOR E4003 Industrial Economics
- IEOR E4201 Engineering of Management, I
- IEOR E4202 Engineering of Management, II
- IEOR E4207 Human Factors: Performance
- IEOR E4208 Seminar in Human Factors Design
- IEOR E4210 Supply Chain Management
- IEOR E4307 Industrial Forecasting
- IEOR E4310 The Manufacturing Enterprise
- IEOR E4405 Production Scheduling
- IEOR E4406 Facilities Location, Routing, and Network Design
- IEOR E4409 Industrial Information Systems
- IEOR E4416 Capacity Planning: Models, Algorithms and Applications
- IEOR E4418 Logistics and Transportation Management
- IEOR E4705 Studies in Operations Research
- IEOR E6412 Quality Control and Management
- MSIE E6410 Logistics and Distribution Management
- CIEE E4010 Transportation Engineering
- CIEE E4163 Environmental Engineering: Wastewater
- CIEE E4250 Geoenvironmental Engineering
- CIEE E4252 Environmental Engineering
- CIEE E4182 Noise Control: Environmental Aspects
- ECON W4261 Introduction to Accounting and Finance
- EEME E4601 Digital Control Systems
- MECE E4058 Mechatronics and Embedded Microcomputer Control
- MECE E4404 Lubrication Theory and Design
- MECE E4501 Geometrical Modeling
- MECE E4502 Computational Geometry for CAD/CAM
- MECE E4602 Introduction to Robotics
- MECE E4603 Analysis, Modeling, and Control of Manufacturing Systems
- MECE E4604 Product Design for Manufacturing
- MECE E4605 Flexible Manufacturing Systems
- MECE E4608 Manufacturing Processes
- MECE E6601 Introduction to Control Theory

*If there are other courses you are interested in taking, please contact your advisor for approval.