IME Curriculum
Industrial and Systems Engineering

Math
Calculus I & II
Differential Equations
Multivariable Calculus
MATH 1010, MATH 1020, MATH 2400, MATH 2010

Science
Chemistry I
Physics I & II
CHEM 1100, PHYS 1100, PHYS 1200

Computer Sc.
Computer Science I
CSCI 1100

Core Engineering
Analysis
Processes
Graphic Analysis
Modeling & Analysis
Professional Dvlpmt III
Economics
ENGR 1100, ENGR 1200, ENGR 1300, ENGR 2050, ENGR 2600, ENGR 4010, ENGR 4760

Humanity and Social Science

Supply Chain
ISE Foundation
Proj & OperMgt.
Simulation
Information Sys.

ISE Elective
Work System Quality Control Optimization Algorithm &Applications Project Management Facility Design Decision Systems Eng Ethics Model for ISYE Theory of Scheduling Math Stats Design of Experiments Computational Intelligence ISYE 4200, ISYE 4220, ISYE 4230, ISYE 4240, ISYE 4250, ISYE 4260, ISYE 4280, ISYE 4300, IYE 4310, IYE 4320, IYE 4330, IYE 4340, IYE 4810

Statistics
ISYE 4140

Statistics
ISYE 4140

ISE Foundation
ISYE 4210

ISE Foundation
ISYE 2210

ISE Foundation
ISYE 4290

ISE Elective
ISYE 4210

Engineering Elective
Materials Science Thermal & Fluids I Electronic Instrumentation Dynamics Embedded Control Strength of Materials Gen Mfg Processes & Systems Mfg Processes & Systems I & II ENGR 1600, ENGR 2090, ENGR 2250, ENGR 2300, ENGR 2350, ENGR 2530, ENGR 2710, ENGR 4710, ENGR 4720

Management Elective
Introduction to Management Fundamentals of Accounting Invention Innovation & Entrepreneurship Intro to Technological Entrepreneurship Introductory Economics General Psychology MGMT 1100, MGMT 2300, MGMT 4520, ECON 1200, PSYC 1200

Capstone IME Design