**Management Science**
- Econ 339 Labor Economics
- Econ 350 Monopoly, Competition, & Pub. Policy
- IEMS 325 Engineering Entrepreneurship
- IEMS 340 Field Project Methods
- IEMS 341 Social Networks Analysis
- IEMS 342 Organizational Behavior
- IEMS 343 Project Management
- IEMS 344 Whole-brain Leadership
- IEMS 345 Negotiations for Engineers
- LOC 306 Studies in Organizational Change
- LOC 310 Orgn. for Complex Environments
- LOC 311 Tools for Organizational Analysis
- Sociol 302 Sociology of Organizations

**Healthcare & Humanitarian Logistics**
- Econ 307 Economics of Medical Care
- Econ 359 Economics of Nonprofit Organizations
- Gbl_Hlth 301 Intro to International Public Health
- IEMS 365 Analytics for Social Good
- IEMS 383 Service Engineering and Mgmt
- IEMS 385 Introduction to Health Systems
- Soc_Pol 311 Social Policy and the US Health Care System

**Entrepreneurship**
- Bus_Inst 390 Global Innovation
- Bus_Inst 394 Entrepreneurship
- IEMS 325 Engineering Entrepreneurship
- ENTREP 380 Financing Entrepreneurial Ventures
- ENTREP 395 Special Topics in Entrepreneurship
- ENTREP 419 Technical Entrepreneurship
- ENTREP 430 NUvention: Energy
- ENTREP 473 NUvention: Web +Media
- ENTREP 480 NUvention: Nanotechnology
- ENTREP 495 NUvention: TBA

**Mathematical Sciences/Graduate Research**
- COMP_SCI 214 Data Structures and Data Mgmt
- ES APPM 346 Modeling and Cmptn in Sci & Eng
- Math 300-0 Foundations of Higher Mathematics
- Math 320-1,2,3 Real Analysis
- Math 330-1,2,3 Abstract Algebra
- Math 364 Game Theory

**Statistics and Data Analytics**
- Econ 281 Intro to Applied Econometrics
- Econ 381 Econometrics I
- IEMS 304 Statistical Methods for Data Mining
- IEMS 307 Quality Improv. by Experimental Dsgn
- IEMS 308 Data Science & Analytics
- IEMS 351 Optimization Methods for Data Sci.
- Mat Sci 391 Process Design
- Mech Eng 359 Reliability Engineering
- Stats 325 Survey Sampling
- Stats 350 Regression Analysis

**Production and Logistics**
- Civ Eng 371 Intro to Transp. Plan & Analysis
- Civ Eng 376 Transportation System Operations
- Econ 355 Transport. Economics and Public Policy
- IDEA 344 Manufacturing Engineering Design
- IEMS 381 Supply Chain Modeling and Analysis
- IEMS 382 Operations Engineering and Mgmt
- IEMS 383 Service Engineering and Mgmt

Four courses of one section must be completed to fulfill that optional concentration’s requirements.

**Concentration Chosen:**

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Name ________________________________

ID ________________________________

Date ________________

Expected Grad Date (Month/Yr) ________________

E-Mail ________________________________

Student’s Signature ________________________________ Date ________________

Advisor’s Signature ________________________________ Date ________________

Program Chair’s Signature ________________________________ Date ________________