Bachelor of Science in Industrial Engineering  
Concentration Form AY 2013-2014

Select the courses you wish to count towards the concentration, and obtain your advisor’s signature.  Return to Professor Wilson in C120 upon completion of concentration courses, but no later than advising week of your final quarter.

*Requires IEMS faculty approval  
**Petition required

<table>
<thead>
<tr>
<th>Economics and Finance</th>
<th>General Business Management</th>
<th>Industrial Behavioral Sciences</th>
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| IEMS 373 Financial Engineering I  
Econ 308 Money and Banking  
Econ 309 Elements of Public Finance  
Econ 337 Economics of State and Local Gov’t  
Econ 349 Industrial Economics  
Econ 361 International Trade  
Econ 362 International Finance  
Econ 381-1,2 Intro to Mathematical Economics  
Econ 382 Economic Forecasting  
Math 366-1,2 Mathematical Models in Finance  
Math 364 Game Theory  
*IEMS 399 | Bus Inst 239 Marketing Management  
**Bus Inst 394 Professional Linkage Seminar  
IEMS 306 Decision Analysis  
IEMS 325 Engineering Entrepreneurship  
IEMS 342 Organizational Behavior  
Econ 260 Accounting & Business Finance  
IMC 303 Advertising  
IMC 304 Direct Marketing  
*IEMS 399 | CFS Chicago Field Studies (1 credit, petition req)  
Econ 339 Labor Economics  
Econ 350 Monopoly, Competition, & Pub. Policy  
IEMS 340 Field Project Methods  
IEMS 341 Social Networks Analysis  
IEMS 342 Organizational Behavior  
LOC 211 Intro. to Orgnztn Theory and Practice  
LOC 306 Studies in Organizational Change  
LOC 310 Orgntn. for Complex Environments  
Sociol 302 Sociology of Organizations  
*IEMS 399 |

**Statistics and Quality Control**  
Econ 281 Intro to Applied Econometrics  
IEMS 304 Statistical Methods for Data Mining  
IEMS 305 Statistical Methods of Quality Improv.  
IEMS 307 Quality Improv. by Experimental Dsgn  
Mat Sci 391 Process Design  
Mech Eng 359 Reliability Engineering  
Stats 325 Survey Sampling  
Stats 350 Regression Analysis  
Stats 351 Design and Analysis of Experiments  
*IEMS 399 |

**Production and Logistics**  
Civ Eng 371 Intro to Transp. Plan & Analysis  
Civ Eng 372 Transp. System Design & 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 Production Planning and Scheduling  
IEMS 383 Service Operations Management  
*IEMS 399 |

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

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<tr>
<th>Concentration Chosen:</th>
<th>Course Number</th>
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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 ____________