

**INDUSTRIAL AND SYSTEMS ENGINEERING (INSY)
2009-2010**

Student ID# _____

Student Name _____

FRESHMAN YEAR

| | |
|--|---|
| _____ MATH 1610 Calculus I (P).....4 | _____ MATH 1620 Calculus II (P).....4 |
| _____ CHEM 1030 Fundamentals of CHEM I (P)3 | _____ PHYS 1600 Physics I (P)4 |
| _____ CHEM 1031 Fundamentals of CHEM I Lab (P)1 | _____ ENGL 1120 English Composition II3 |
| _____ ENGL 1100 English Composition I3 | _____ History (core)3 |
| _____ ENGR 1100 Engineering Orientation (P).....0 | _____ COMP 1200 Intro to Comp Programming (MATLAB)(P) ..2 |
| _____ ENGR 1110 Intro to Engineering (P).....2 | |
| _____ History (core)3 | |

SOPHOMORE YEAR

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|--|---|
| _____ MATH 2630 Calculus III4 | _____ MATH 2660 Linear Algebra3 |
| _____ MATH 2650 Differential Equations.....3 | _____ STAT 3610 Probability & Statistics II.....3 |
| _____ PHYS 1610 Physics II4 | _____ STAT 3611 Applied Statistics Lab1 |
| _____ STAT 3600 Probability & Statistics I3 | _____ INSY 3020 Occupational Safety & Ergonomics.....3 |
| _____ ENGL 2200 World Lit I3 | _____ INSY 3021 Methods Eng & Work Measurement Lab.....3 |
| | _____ MATL 2100 Intro to Material Science3 |

JUNIOR YEAR

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|--|---|
| _____ INSY 3400 Stochastic Operations Research3 | _____ INSY 3420 Simulation3 |
| _____ INSY 3410 Deterministic Operations Research3 | _____ INSY 3600 Engineering Economics3 |
| _____ INSY 3800 Manufacturing Processes3 | _____ INSY 3700 Operations Planning3 |
| _____ Social Science I3 | _____ Social Science II3 |
| _____ COMP 3010 Spreadsheet-Based Apps w/Visual Basic3 | _____ ENGL 2210 World Lit II.....3 |

SENIOR YEAR

| | |
|--|--|
| _____ INSY 4330 Quality Control..... 3 | _____ INSY 4800 Senior Design..... 3 |
| _____ INSY 4500 Professional Practice 1 | _____ INSY Elective..... 3 |
| _____ INSY 4700 Manufacturing Systems 3 | _____ ENGR Elective..... 3 |
| _____ INSY Elective 3 | _____ Technical Elective..... 3 |
| _____ ELEC 3810 Fundamentals of Electrical Engineering 3 | _____ Fine Arts (core) 3 |
| _____ PHIL 1040 Business Ethics 3 | _____ UNIV4AA0 EN1 Undergraduate Graduation..... 0 |

TOTAL 126 SEMESTER HOURS

DATE _____

(P) - Denotes courses required for pre-engineering

Only academic advisors in Student Services may mark on this curriculum sheet. Other marks or alterations of this document could result in delayed graduation.