

Industrial Engineering Undergraduate Curriculum Check Sheet For those entering Fall 2014 and beyond

Student Name: _____

PS ID: _____

Course Requirement	Satisfied By	Grade	Notes / Term Completed
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Math Requirements

MATH 0220 (Calculus 1)			
MATH 0230 (Calculus 2)			
MATH 0240 (Calculus 3)			
MATH 0280 (Linear Algebra)			
MATH 0290 (Diff. Eq.) or MATH 413 (Theor. Math)			

IE Core

IE 1070 (Prob., Rand Var., Distrib.)			
IE 1040 (Engineering Economy)			
IE 1054 (Productivity Analysis)			
IE 0015 (Information Systems)			
IE 1052 (Mfg. Processes)			
IE 1071 (Stat. Test. & Regression)			
IE 1051 (Engr Product Design)			
IE 1061 (Human Factors)			
IE 1081 (Operations Research)			
IE 1035 (Engineering Management)			
IE 1055 (Facil. Layout & Mat'l Hand)			
IE 1082 (Probabilistic OR)			
IE 1083 (Simulation)			
IE 1080 (Supply Chain)			
IE 1090 (Senior Design)			

Physics Requirements

PHYS 0174 (Calc based Phys 1)			
PHYS 0175 (Calc based Phys 2)			

Chemistry Requirements

CHEM 0960 (Chemistry 1)			
CHEM 0970 (Chem 2 w/ lab)			

Freshman Engineering Courses

ENGR 0011 (or ENGR 0015)			
ENGR 0012 (or ENGR 0016)			

Technical Electives

Focused Elective			
IE Tech Elec			
IE Tech Elec			
IE or Other Tech Elec			
IE or Other Tech Elec			

Requirements for H/SS electives:

H/SS 1			
H/SS 2			
H/SS 3			
H/SS 4			
H/SS 5			
H/SS 6			

ENGR Courses

ENGR 0022 (Materials)			
ENGR 0135 (Statics & Dynamics)			
ENGR 1869 (Circuits)			

Depth (at least two in the same area and one not an intro course)

Breadth (at least two humanities and at least two social sciences)

"W" (writing course - can be satisfied with a non h/ss course)

International Requirement (Option A OR Option B):

Option A - Travel plus two globally focused h/ss courses:
Option B - Four globally focused (preferably related) h/ss courses:

Advisor Signature _____

Student Signature _____

Date _____

Date _____