

Name: _____ OSU Email: _____

YEAR	AUTUMN (Quarter)	WINTER (Quarter)	SPRING (Quarter)
1	Math 151.0X (Calc & Anal Geom).....5____ Chem 121 OR OTHER SCIENCE ¹5____ Engr 100.10 (Engr Survey).....1____ Engr 181.01 (Intro to Engr I).....3____	Math 152.0X (Calc & Anal Geom).....5____ Physics 131 (Partcls & Motion).....5____ Engr 183.0X (Intro to Engr II).....3____ GEC.....5____	English 110.0X(1 st Yr English Comp)....5____ Physics 132 (Electrcty & Magntsm).....5____ Math 154 (Calc & Anal Geom).....5____
	AUTUMN (Semester)		SPRING (Semester)
2	Math 2173: Engineering Math I.....3____ ME 2040: Statics/Strength of Materials.....4____ ISE 2040: Engineering Economics.....2____ CSE 1222: Programming in C++.....3____ Additional Science ¹3-5____		Math 2174: Engineering Math II.....3____ ISE 2000: Introduction to ISE.....1.5____ ISE 2400: Design of Work.....1.5____ ISE 2010: Systems Modeling.....3____ ISE 2500: Manufacturing Systems.....3____ Stats 3470: Intro Prob & Stats for Eng.....3____ Engineering Science ²3____
3	ISE 3200: Opt. for Enterprise Systems3____ ISE 3300: Prob. Models for Planning3____ ISE 3400: Production Planning3____ ISE 3600: Workplace Ergonomics3____ GEC3____		ISE 3210: Opt. for System Design.....3____ ISE 3410: Facilities Planning.....3____ ISE 3700: Cog. Systems Engineering.....3____ ISE 4120: Quality Control and Imp.3____ GEC.....3____
4	ISE 3800: Project Management2____ ISE 3810: Implementation & Change Mgmt .1____ ISE 3310: Discrete Event Simulation3____ Technical Elective.....3____ Technical Elective.....3____ GEC3____		ISE 4900: Capstone Design4____ Technical Elective3____ Technical Elective3____ GEC.....3____ GEC.....3____

GENERAL EDUCATION (24 Semester hrs)

English & Communication Skills (3)

English 110.0X/1110 () _____

Students must take 15 hours across Social Sciences, Historical Study, and Arts & Humanities with a minimum of 3 hours and maximum of 6 hours per category.

Historical Study (3-6)

_____ () _____
_____ () _____

Arts & Humanities (3-6)

_____ () _____
_____ () _____

Social Sciences (1-2)

_____ () _____
_____ () _____

Ethics (3)

(May overlap with another GEC Category)
_____ () _____

Social Diversity

(May overlap with another GEC Category)
_____ () _____

TECHNICAL ELECTIVES (12 Semester hrs)

_____ () _____
_____ () _____
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Req'd Classes for Acceptance
into the ISE Major (SPHR):

Eng 181 (Q) _____(3)____
Eng 183 (Q) _____(3)____
Math 151 (Q) _____(5)____
Math 152 (Q) _____(5)____
Math 153 (Q) _____(5)____
Math 2173 (S) _____(3)____
Physics 131 (Q) _____(5)____
Physics 132 (Q) _____(5)____
CSE 205/1222 (Q or S) _____()____

(Semester-converted Credit Hours)

Sub-total Core ISE Classes.....43
Other Req'd Eng. Classes47
General Education24
Technical Electives12

TOTAL HOURS126-130

1. Physics 1251 (5), Chemistry 1250 (4), Biology 2100 (4)
2. ME 2030 (3), ME 3500 (2), MSE 2010, ECE 2300