

Name: _____

Catalogue Year: _____

Minor (optional): _____

Freshman (Fall)

X Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CHE 105/111	General Chemistry/Fundamentals of General Chemistry	4	_____
<input type="checkbox"/> EGR 101	Introduction to Engineering Design and Analysis	1	_____
<input type="checkbox"/> EGR 105	Solid Modeling	1	_____
<input type="checkbox"/> ENG 111	Written Composition I	3	_____
<input type="checkbox"/> HIS 101	World Civilization to the 18 th Century	3	_____
<input type="checkbox"/> MAT 211	Calculus I	4	_____
		16	

☐ Review Registration on Ellucian/Self-Service

Freshman (Spring)

X Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> EGR 109	Introduction to MATLAB and Computer Programming	2	_____
<input type="checkbox"/> ENG 112	Written Composition II	3	_____
<input type="checkbox"/> MAT 212	Calculus II	4	_____
<input type="checkbox"/> PEWS 100	Fitness for Health	1	_____
<input type="checkbox"/> PHY 231	Physics I	5	_____
		15	

Sophomore (Fall)

X Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> EGR 209	Survey of Computational Engineering	1	_____
<input type="checkbox"/> EGR 240	Mechanical Engineering Fundamentals I: Mechanics	3	_____
<input type="checkbox"/> EGR 261	Electrical Engineering Fundamentals I: Digital Logic	3	_____
<input type="checkbox"/> MAT 213	Calculus III	4	_____
<input type="checkbox"/> PHY 232	Physics II	5	_____
		16	

Sophomore (Spring)

X Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> COM 112/235	Public/Interpersonal Communication	3	_____
<input type="checkbox"/> EGR 210	Materials Engineering	3	_____
<input type="checkbox"/> EGR 250	ME Fundamentals II: Thermodynamics	3	_____
<input type="checkbox"/> EGR 262	EE Fundamentals II: Electric and Electronic Circuits	4	_____
<input type="checkbox"/> MAT 314	Differential Equations	3	_____
		16	

☐ Declare minor with Dean, Arts & Sciences (optional)

Junior (Fall)

X	Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/>	EGR 342	Engineering Experimental Methods	3	_____
<input type="checkbox"/>	EGR 355	Fluid Mechanics	3	_____
<input type="checkbox"/>	EGR 360	Modeling and Analysis of Linear and Dynamical Systems	3	_____
<input type="checkbox"/>	EGR 375	Power Systems and Electrical Machines	3	_____
<input type="checkbox"/>	HIS 102	World Civilization from the 18 th Century	3	_____
			15	

☐ Apply for Junior Audit after completing 72 credit hours

Junior (Spring)

X	Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/>	EGR 320	Mechanics of Materials	3	_____
<input type="checkbox"/>	EGR 330	Engineering Economy	3	_____
<input type="checkbox"/>	EGR 352	Mechanical Engineering Laboratory	1	_____
<input type="checkbox"/>	EGR 391	Major Project Design Preparation	1	_____
<input type="checkbox"/>	EGR 475	Control Theory and Design	4	_____
<input type="checkbox"/>	MAT 208	Statistics ¹	3	_____
			15	

Senior (Fall)

X	Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/>	CHR 111	Old Testament Survey	3	_____
<input type="checkbox"/>	EGR 456	Machine and Mechanism Theory and Design	3	_____
<input type="checkbox"/>	EGR 470	Heat Transfer	3	_____
<input type="checkbox"/>	EGR 491	Major Project Design I	2	_____
<input type="checkbox"/>	General Core	Social and Behavioral Sciences ²	3	_____
			14	

☐ Apply for Graduation

Senior (Spring)

X	Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/>	ART 210	Arts in Western Civilization	3	_____
<input type="checkbox"/>	CHR 112	New Testament Survey	3	_____
<input type="checkbox"/>	EGR 455	Energy Conversion	3	_____
<input type="checkbox"/>	EGR 492	Major Project Design II	3	_____
<input type="checkbox"/>	EGR 498	Engineering Seminar	1	_____
<input type="checkbox"/>	ENG 2XX	World Literature ³	3	_____
			16	

1. Math Elective: Choose MAT 208 or MAT 315.

2. General Core, Social and Behavioral Sciences: Select ONE from ECO 211, ECO 212, HON 225, PHL 240, PSC 211, PSY 213, SOC 211.

3. English Elective: Choose ENG 201 or ENG 202.

NOTE: The BSE degree requires a total of 123 hours, with a minimum of 36 upper-level (300 and 400 level) hours.