

EIGHT SEMESTER PLAN MECHANICAL ENGINEERING

Semester 1	Credits	Semester 2	Credits
		PHY 202: Physics II MAT 231: Calc II EGR 110: Engineering Design THR 244: Computer-Assisted Design COM 100: Composition Research THE 100 or PHI 100	4 4 1 3 3 3 TOTAL 18
Semester 3	Credits	Semester 4	Credits
EE 200: Circuit Theory I EE 271L: Circuit Theory Lab PHY 202: Physics II EGR 200: Engineering Statics THE 100 or PHI 100 MAT 232: Calc III	3 1 4 3 3 4 TOTAL 18	MAT 322: Differential Equations EGR 210: Engineering Design EGR 260: Intermediate Engineering ME 200: Strength of Materials ME 271L: Strength of Materials Lab ME 211: Thermodynamics ME 200 Dynamics GenEd SEARCH	3 1 2.5 3 5 3 3 3 TOTAL 16.75
Semester 5	Credits	Semester 6	Credits
GenEd SEARCH GenEd SEARCH EGR 260: Intermediate Engineering ME 310: Fluid Mechanics I ME 372L: Heat Transfer Lab EGR 360: Measurement and Dynamic Response EGR 371L: Measurement and Dynamic Response Lab EGR 310: Engineering Design II PHI 200: Ethics	3 3 5 5 5 3 3 3 TOTAL 16		3 3 5 5 3 3 3 TOTAL 16
Semester 7	Credits	Semester 8	Credits
ME 4x: ME Elective ME 470: ME Elective Lab EGR 480: Capstone Design EGR 260: Intermediate Engineering EGR 480: Capstone Design GenEd SEARCH GenEd SEARCH	3 5 3 2.5 2 3 3 TOTAL 14.75	ME 4x: ME Elective EGR 480: Capstone Design GenEd SEARCH GenEd SEARCH	3 3 2 3 3 TOTAL 14
ADDITIONAL GRADUATION REQUIREMENTS		RESIDENCY REQUIREMENTS	
- SRH 10		GRADUATION CREDITS EARNED	

