



**Degree Map**

**CATALOG YEAR: 2026-2027**

**Degree: BSME**

**MAJOR: Mechanical Engineering**

*The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and course schedule. This document provides general direction.*

Course	Cr. Hrs.	Course	Cr. Hrs.
<b>FIRST YEAR</b>			
Semester: Fall Total Credit Hours: 17		Semester: Spring Total Credit Hours: 17	
ME 1010 ME Fundamentals I	3	ME 1020 ME Fundamentals II	3
MATH 1910 Calculus I	4	MATH 1920 Calculus II	4
CHEM 1110 Gen Chemistry I	4	PHYS 2110 Physics I	4
ENGL 1010 English Composition I	3	ENGL 1020 English Composition II	3
Humanities & Cultural Expression Elective	3	Financial Literacy or Digital Literacy Elective (FIN 2000, CSC2220, or CSC 2570)	3
Course	Cr. Hrs.	Course	Cr. Hrs.
<b>SECOND YEAR</b>			
Semester: Fall Total Credit Hours: 17		Semester: Spring Total Credit Hours: 17	
CEE 2110 Statics	3	ME 2330 Dynamics	3
MATH 2010 Intro to Linear Algebra	3	COMM 2025 or PC 2500 Communication	3
MATH 2120 Diff. Equations	3	ME 2210 Thermodynamics	3
PHYS 2120 Physics	4	ECE 2050 Circuits & Electronics I	4
ENGL 2130, 2235, or 2330 Lit.	3	MATH 2110 Calculus III	4
ME 2910 Prof. & Ethics	1		
Course	Cr. Hrs.	Course	Cr. Hrs.
<b>THIRD YEAR</b>			
Semester: Fall Total Credit Hours: 15		Semester: Spring Total Credit Hours: 15	
ME 3001 ME Analysis	3	ME 3050 System Dynamics	3
ME 3310 Experimental Methods I	3	ME 3320 Experimental Methods II	3
ME 3010 Materials & Processes	3	ME 3610 Dynamics of Machinery	3
ME 3720 Fluid Mechanics	3	ME 3710 Heat Transfer	3
CEE 3110 Mechanics of Materials	3	ME 3020 Machine Design	3
Course	Cr. Hrs.	Course	Cr. Hrs.
<b>FOURTH YEAR</b>			
Semester: Fall Total Credit Hours: 15		Semester: Spring Total Credit Hours: 15	
ME 4410 Senior Design I	3	ME 4420 Senior Design II	3
ME 4020 Applied Machine Design or ME 4720 Thermal Design	3	Mechanical Engineering AOE Elective	3
Mechanical Engineering AOE Elective	3	Mechanical Engineering AOE Elective	3
Mechanical Engineering AOE Elective	3	Mechanical Engineering AOE Elective	3
Social & Behavioral Science Elective	3	Social & Behavioral Science Elective	3