

*The following roadmap is a sample academic planning resource. Please consult your academic advisor and Academic Catalog for graduation requirements as you develop your individualized academic plan.

College: *Engineering & Computer Science*

Degree: *BS – Bachelor of Science*

Major: *Mechanical Engineering**

Term #	Course #	Course Title	Units
5	ME 108	Professional Topics for Mechanical Engineers	3
	X	American Institutions (US HIST)	3
	ENGR 112	Mechanics of Materials	3
	ME 116	Machinery Design I	2
	ME 106	Applications of Programming in Mechanical Engineering	1
	X	Upper Division General Education Requirement Area D	3
Semester Total			15
6	ENGR 110	Analytic Mechanics - Dynamics	3
	ENGR 124	Thermodynamics	3
	ME 117	Machinery Design II	2
	ME 120	Fluid Mechanics for Mechanical Engineers	3
	ME 138	Concurrent Product and Process Design	3
	X	American Institutions (GOVT)	3
Semester Total			17
7	ME 126	Heat Transfer	3
	ME 171	Modeling and Simulation of Mechatronics and Control Systems	3
	ME 180	Mechanical Properties of Materials	3
	ME 190	Project Engineering I	3
	X	Upper Division General Education Requirement Area C + Writing Intensive	3
Semester Total			15
8	ME 128	Thermal-Fluid Systems	3
	ME 172	Control System Design	3
	ME 191	Project Engineering II	2
	X	ME ELECTIVE	3
	X	ME ELECTIVE	3
Semester Total			14