

Engineering: Mechanical Engineering – Associate in Applied Science

FIRST YEAR		SECOND YEAR	
Fall Semester	18-20 Hours	Fall Semester	18 Hours
UNIV 1001/1113 Intro to Univ Life/Study Strats(1/3)		ENGL 1213 English Composition II (3)	
ENGL 1113 English Composition I..... (3)		ENGR 2223 Fluid Mechanics (FA) (3)	
HIST 1483/1493 U.S. History to/since 1865 (3)		MATH 2244 Calculus and Analytic Geometry III..... (4)	
PS 1113 American Federal Government (3)		PHYS 2025/2025L Physics II/Lab for Science and Engineering Majors (5)	
ENGR 1411 Introduction to Engineering (FA) (1)		ENGR 2213 Thermodynamics..... (3)	
ENGR 1412 Engineering Design (FA) (2)		Spring Semester	15 Hours
MATH 2215 Calculus and Analytic Geometry I (5)		ENGR 2002 Professional Development..... (2)	
Spring Semester	18 Hours	ENGR 2533 Dynamics..... (3)	
CHEM 1364/1361 General Chemistry I/Lab (5)		ENGR 2723 Electrical Circuits (SP) (3)	
MATH 2235 Calculus and Analytic Geometry II..... (5)		MATH 3253 Differential Equations (3)	
PHYS 2015/2015L Physics I/Lab for Science & Engineering Majors (5)		PHYS 3003/3011 Modern Physics I/Lab..... (4)	
ENGR 2113 Statics (SP) (3)			

^M Denotes Minimum Grade Needed for Course

^R Denotes Restriction to Students Admitted to Educator Preparation Program

! Denotes Critical Course

Bolded courses indicate guaranteed course rotation for major core: (FA=Fall; SP=Spring; SU=Summer; O=Odd Year; E=Even Year).

This is a recommended semester-by-semester plan of study for this major for a hypothetical student and will not substitute for meeting with an advisor to discuss individual student needs. Course offerings are subject to change based on enrollment. However, courses or requirements designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Graduation Requirements Summary

Minimum Total Hours for Graduation	68
Minimum Upper-Division Hours	N/A
Minimum Gen Ed Hours	27
Minimum Liberal Arts Hours	N/A
Minimum Major GPA	2.000
Minimum Overall GPA	2.000