

Engineering: Mechanical Engineering – Associate in Applied Science

FRESHMAN YEAR	
Fall Semester	18-20 Hours
UNIV 1001/1113 Intro to Univ Life/Study Strats	(1/3)
ENGL 1113 English Composition I.....	(3)
HIST 1483/1493 U.S. History to/since 1865	(3)
PS 1113 American Federal Government	(3)
ENGR 1411 Introduction to Engineering.....	(1)
ENGR 1412 Engineering Design.....	(2)
MATH 2215 Calculus and Analytic Geometry I	(5)
Spring Semester	18 Hours
CHEM 1364/1361 General Chemistry I/Lab	(5)
MATH 2235 Calculus and Analytic Geometry II.....	(5)
PHYS 2015/2015L Physics I for Science and Engineering Majors/Lab.....	(5)
ENGR 2113 Statics	(3)

SOPHOMORE YEAR	
Fall Semester	18 Hours
ENGL 1213 English Composition II	(3)
ENGR 2223 Fluid Mechanics.....	(3)
MATH 2244 Calculus and Analytic Geometry III.....	(4)
PHYS 2025/2025L Physics II for Science and Engineering Majors/Lab	(5)
ENGR 2213 Thermodynamics.....	(3)
Spring Semester	15 Hours
ENGR 2002 Professional Development.....	(2)
ENGR 2533 Dynamics.....	(3)
ENGR 2723 Electrical Circuits.....	(3)
MATH 3253 Differential Equations	(3)
PHYS 3003/3011 Modern Physics I/Lab.....	(4)

^MDenotes Minimum Grade Needed for Course
[!] Denotes Critical Course

This is a recommended semester-by-semester plan of study for this major. 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