Mechanical Engineering 2026-27

mech.utah.edu/academics/undergraduate

Declare Your ME Major

Upon Application to the U
OR
After completing your first semester, upon evaluation

Continuing Performance

2.5 cumulative U of U GPA
Pre/co-reqs strictly enforced
C or better in major courses
One repeat per course (second grade counts, total number of repeats limited)

Graduation Requirements

U of U BS requirements
2.5 cumulative U of U GPA
C or better in major courses

Co-requisite, Prerequisite
CATALOG #### Course Title 4hr L F,S,Su* — Gen. Ed. Course
Concurrent, Subsequent

Requires Full Major Status

L = Lab Included
F = Fall
S = Spring
Su* = Summer (tentative)

General Education: Choose 7 courses that satisfy these 9 requirements:

WR1 WR2 FF BF DV♦ AI HF LS IR♦

WRTG 1010 is a prerequisite for WRTG/ENGL 2010.Credit for WRTG 1010 may be completed through challenge exam.

♦DV and IR can double count with an FF, HF, LS, or BF
† Meets the CW (Communication/Upper Division Writing) requirement
‡ Meets the QI (Quantitative Intensive) requirement

Year 1		Year 2		Year 3		Year 4	
Fall (15 hrs)	Spring (15 hrs)	Fall (17 hrs)	Spring (17 hrs)	Fall (13 hrs)	Spring (16 hrs)	Fall (15 hrs)	Spring (15 hrs)
MATH 1210 → **ME EN 1000** Intro to Design for Eng Sys 3hr L F,S → 2650	PHYS 2210, MATH 1210 → **ME EN 1010** Comp Prob Solv for Eng Sys 4hr L F,S → 2450, 2550, 3220		1010, MATH 2250, ME EN 2455 → **ME EN 2450 & 2455** Num Methods for Eng Sys 3+1hr F,S → 3220, 3710	WRTG/ENGL 2010, ME EN 3xxx → **ME EN 3400†** Professional Communication 3hr F,S, Su* → 4000, 4650	2650, 3310, 3315 MSE 2160 → **ME EN 3000** Design of Mech Elem 3hr F,S, Su* → 4000	3000, 3220, 3230, 3310, 3315, 3400, 3650, 3710, 4650 → **ME EN 4000** Engineering Design I 3hr F,S → 4010	4000 → **ME EN 4010** Engineering Design II 3hr F, S
MATH 1050 or MATH 1080 → **CHEM 1210** Chemistry 4hr F,S,Su* → MSE 2160		CHEM 1210, MATH 1210 → **MSE 2160** Materials Science 3hr F,S → 2650, 3000, 3310	1010, MATH 1220 → **ME EN 2550^** Probability & Statistics 3hr F,S, Su* → 3230, 4650	2010, 3315, MSE 2160, MATH 2250 & 2210 → **ME EN 3310** Mechanics of Materials 3hr F,S → 3000, 4000	**Gen. Ed. Req.**	**Gen. Ed. Req.**	**Tech Elective** 3hr
	MATH 1210 & 1220 PHYS 2210 → **ME EN 2010** Statics 3hr F,S,Su* → 2030, 2650, 3310	2010, PHYS 2210, MATH 2250 → **ME EN 2030** Dynamics 3hr F,S,Su* → 3220, 3710	1000, 2010, MSE 2160 → **ME EN 2650** Manufacturing for Eng Sys 3hr L F,S → 3000, 3230	ME EN 3310 → **ME EN 3315** Mechanics of Materials Lab 1hr L F,S → 3000, 4000	**Tech Elective** 3hr	**Tech Elective** 3hr	**Tech Elective** 3hr
Gen. Ed. Req. WRTG/ENGL 2010 Recommended in first year		PHYS 2220, MATH 2250 → **ECE 2210** Electrical Engineering 3hr L F,S → 3220	ME EN 2650 → **ME EN 2655** Manufact Lab 1hr L F,S → 3000, 3230	1010, 2030, 2450, ECE 2210, MATH 2250 → **ME EN 3220‡** Dyn Sys & Control 3hr F,S → 3230, 4000	2550, 2650, 3220 → **ME EN 3230‡** Mechatronics 4hr L F,S → 4000	**Gen. Ed. Req.**	**Gen. Ed. Req.**
ME EN 1020 Appl Ethics & Prof for MechE 1hr F,S	MATH 1210 → **PHYS 2210** Physics I 4hr F,S,Su* → 1010, 2010, 2030, 2300, MATH 2250, PHYS 2220	PHYS 2210, MATH 1220 → **PHYS 2220** Physics II 4hr F,S,Su* → ECE 2210	MATH 2250, PHYS 2210 → **ME EN 2300** Thermo 3hr F,S, Su* → 3650, 3710, 4650, 4000	2030, 2300, 2450, MATH 2250 & 2210 → **ME EN 3710** Fluid Mechanics 3hr F,S, Su* → 3650, 4000, 4650	2300, 3710, MATH 2250 & 2210 → **ME EN 3650** Heat Transfer 3hr F,S, Su* → 4000, 4650	2550, 3400, 3650, 3710 → **ME EN 4650** TFES Lab 3hr L F,S	**Gen. Ed. Req.**
MATH (1050&1060) or MATH 1080 → **MATH 1210** Calculus I 4hr F,S, Su* → 1000, 1010, 2010, PHYS 2210, MATH 1220	MATH 1210 → **MATH 1220** Calculus II 4hr F,S,Su* → 2010, MSE 2160, PHYS 2220, MATH 2250	(MATH 1220 & PHYS 2210) OR MATH 2210 → **MATH 2250** ODEs & Linear Algebra 4hr F,S,Su* → 2030, 2300, 2450, 3310, 3650, 3710, ECE 2210	MATH 1220 → **MATH 2210** Calculus III 3hr F,S,Su* → 3310, 3650, 3710				

^MATH 3070 is an allowed substitute for ME EN 2550, but only recommended for students in the Data Science Emphasis