Mechanical Engineering 2026-27

mech.utah.edu/academics/undergraduate

Year 1		Year 2		Year 3		Year 4	
Fall (16 hrs)**	Spring (14 hrs)	Fall (14 hrs)	Spring (13 hrs)	Fall (16 hrs)	Spring (16 hrs)**	Fall (15 hrs)**	Spring (15 hrs)**
ME EN 1010 Comp Prob Solv for Eng Sys 4hr L F,S	**ME EN 1000** Intro to Design for Eng Sys 3hr L F,S	**ME EN 2450 & 2455** Num Methods for Eng Sys 3+1hr F,S	**ME EN 3310** Mechanics of Materials 3hr F,S	**ME EN 3400†** Professional Communication 3hr F,S, Su*	**ME EN 3000** Design of Mech Elem 3hr F,S, Su*	**ME EN 4000** Engineering Design I 3hr F,S	**ME EN 4010** Engineering Design II 3hr F, S
ME EN 1020 Appl Ethics & Prof for MechE 1hr F,S		**MSE 2160** Materials Science 3hr F,S	**ME EN 3315** Mechanics of Materials Lab 1hr L F,S	**ME EN 2650** Manufacturing for Eng Sys 3hr L F,S	**Gen. Ed. Req.**	**Gen. Ed. Req.**	**Tech Elective** 3hr
	ME EN 2010 Statics 3hr F,S,Su*		**ME EN 2030** Dynamics 3hr F,S,Su*	**ME EN 2655** Manufact Lab 1hr L F,S	**Tech Elective** 3hr	**Tech Elective** 3hr	**Tech Elective** 3hr
Gen. Ed. Req. WRTG/ENGL 2010 Recommended in first year	**CHEM 1210** Chemistry 4hr F,S,Su*		**ECE 2210** Electrical Engineering 3hr L F,S	**ME EN 3220‡** Dyn Sys & Control 3hr F,S	**ME EN 3230‡** Mechatronics 4hr L F,S	**Gen. Ed. Req.**	**Gen. Ed. Req.**
PHYS 2210 Physics I 4hr F,S,Su*		**PHYS 2220** Physics II 4hr F,S,Su*	**ME EN 2300** Thermo 3hr F,S, Su*	**ME EN 3710** Fluid Mechanics 3hr F,S, Su*	**ME EN 3650** Heat Transfer 3hr F,S, Su*	**ME EN 4650** TFES Lab 3hr L F,S	**Gen. Ed. Req.**
MATH 1220 Calculus II 4hr F,S,Su*	**MATH 2250** ODEs & Linear Algebra 4hr F,S,Su*	**MATH 2210** Calculus III 3hr F,S,Su*		**ME EN 2550^** Probability & Statistics 3hr F,S, Su*			

PHYS 2210, MATH 1210 → ME EN 1010: 2450, 2550, 3220

MATH 1210 → ME EN 1000: 2650

1010,MATH 2250, ME EN 2455 → ME EN 2450 & 2455: 3220, 3710

2010, 3315, MSE 2160, MATH 2250 & 2210 → ME EN 3310: 3000, 4000

WRTG/ENGL 2010, ME EN 3xxx → ME EN 3400†: 4000, 4650

2650, 3310, 3315 MSE 2160 → ME EN 3000: 4000

3000, 3220, 3230, 3310, 3315, 3400, 3650, 3710, 4650 → ME EN 4000: 4010

4000 → ME EN 4010

CHEM 1210, MATH 1310 → MSE 2160: 2650, 3000, 3310

ME EN 3310 → ME EN 3315: 3000, 4000

1000, 2010, MSE 2160 → ME EN 2650: 3000, 3230

MATH 1210 & 1220 PHYS 2210 → ME EN 2010: 2030, 2650, 3310

2010, PHYS 2210, MATH 2250 → ME EN 2030: 3220, 3710

ME EN 2650 → ME EN 2655: 3000, 3230

MATH 1050 or MATH 1080 → CHEM 1210: MSE 2160

PHYS 2220, MATH 2250 → ECE 2210: 3220

1010, 2030, 2450, ECE 2210, MATH 2250 → ME EN 3220‡: 3230, 4000

2550, 2650, 3220 → ME EN 3230‡: 4000

MATH 1210 → PHYS 2210: 1010, 2010, 2030, 2300, MATH 2250, PHYS 2220

PHYS 2210, MATH 1220 → PHYS 2220: ECE 2210

MATH 2250, PHYS 2210 → ME EN 2300: 3650, 3710, 4650, 4000

2030, 2300, 2450, MATH 2250 & 2210 → ME EN 3710: 3650, 4000, 4650

2300, 3710, MATH 2250 & 2210 → ME EN 3650: 4000, 4650

2550, 3400, 3650, 3710 → ME EN 4650

MATH 1210 → MATH 1220: 2010, MSE 2160, PHYS 2220, MATH 2250

(MATH 1220 & PHYS 2210) OR MATH 2210 → MATH 2250: 2030, 2450, 3310, 3650, 3710, ECE 2210

MATH 1220 or MATH 2250 → MATH 2210: 3310, 3650, 3710

1010, MATH 1220 → ME EN 2550^: 3230, 4650

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

Declaring Your ME Major

- ❑ Upon application to the U

OR

- ❑ By meeting with a Mechanical Engineering Advisor for 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)
- ❑ Upper division core GPA of 2.3

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 Admission to ME EN 2-5XXX Eligible Student Group

Requires Full Major

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

Disclaimer: Course availability and prerequisites subject to change. See catalog.utah.edu.

Notes: †Meets the CW (Communication/Upper Division Writing) requirement ‡ Meets the QI (Quantitative Intensive) requirement

Revised March 2025