

Mechanical Engineering 2025-26 mech.utah.edu/academics/undergraduate	Year 1		Year 2		Year 3		Year 4	
	Fall (16.5 hrs)	Spring (17.5 hrs)	Fall (17 hrs)	Spring (17 hrs)	Fall (15 hrs)	Spring (16 hrs)	Fall (18 hrs)	Spring (15 hrs)
<p>Declaring Your ME Major</p> <p><input type="checkbox"/> Upon application to the U OR <input type="checkbox"/> After completing your first semester, upon evaluation</p> <p>Continuing Performance</p> <p><input type="checkbox"/> 2.5 cumulative U of U GPA <input type="checkbox"/> Pre/co-reqs strictly enforced <input type="checkbox"/> C or better in major courses <input type="checkbox"/> One repeat per course (second grade counts, total number of repeats limited)</p> <p>Graduation Requirements</p> <p><input type="checkbox"/> U of U BS requirements <input type="checkbox"/> 2.5 cumulative U of U GPA <input type="checkbox"/> C or better in major courses <input type="checkbox"/> Honors Learning Community (Honors Only)</p> <p>Co-requisite, Prerequisite CATALOG ##### Course Title 4hr L F,S,Su* — Gen. Ed. Course Concurrent, Subsequent</p> <p>Requires Full Major Status</p> <p>L = Lab Included F = Fall S = Spring Su* = Summer (tentative)</p> <p>General Education: Choose 6 courses that satisfy these 8 requirements: WR2 FF BF DV♦ AI HF LS IR♦</p> <p>Notes: WRWG 1010 is a prerequisite for WRWG/ENGL 2010 and HONOR 2211. Credit for WRWG 1010 may be completed through challenge exam.</p>	<p>MATH 1210</p> <p>ME EN 1000 Intro to Design for Eng Sys 3hr L F,S 2650</p>	<p>PHYS 2210, MATH 1210</p> <p>ME EN 1010 Comp Prob Solv for Eng Sys 4hr L F,S 2450, 2550, 3220</p>	<p>1010, MATH 2250, ME EN 2455</p> <p>ME EN 2450 & 2455 Num Methods for Eng Sys 3+1hr F,S</p> <p>3220, 3710</p>	<p>WRWG/ENGL 2010, ME EN 3xxx</p> <p>ME EN 3400† Professional Communication 3hr F,S, Su*</p> <p>4000, 4650</p>	<p>2650, 3310, 3315 MSE 2160</p> <p>ME EN 3000 Design of Mech Elem 3hr F,S, Su*</p> <p>4000</p>	<p>3000, 3220, 3230, 3310, 3315, 3400, 3650, 3710, 4650</p> <p>ME EN 4000 Engineering Design I 3hr F,S</p> <p>4010</p>	<p>4000</p> <p>ME EN 4010 Engineering Design II 3hr F,S</p>	<p>4000</p> <p>ME EN 4010 Engineering Design II 3hr F,S</p>
	<p>MATH 1050 or MATH 1080</p> <p>CHEM 1210 Chemistry 4hr F,S,Su* CHEM 1215, MSE 2160</p>	<p>ME EN 1020 Appl Ethics & Prof for MechE 1hr F,S</p>	<p>CHEM 1210, MATH 1210</p> <p>MSE 2160 Materials Science 3hr F,S 2650, 3000, 3310</p>	<p>1010, MATH 1210</p> <p>ME EN 2550 Probability & Statistics 3hr F,S, Su*</p> <p>3230, 4650</p>	<p>2010, 3315, MSE 2160, MATH 2250 & 2210</p> <p>ME EN 3310 Mechanics of Materials 3hr F,S 3000, 4000</p>	<p>Gen. Ed. Req. Honors Seminar Course</p>	<p>Gen. Ed. Req.</p>	<p>Tech Elective Honors Thesis ME EN 4999 3hr</p>
	<p>CHEM 1210</p> <p>CHEM 1215 Chemistry Lab 1hr L F,S,Su*</p>	<p>MATH 1210 & 1220, PHYS 2210</p> <p>ME EN 2010 Statics 3hr F,S,Su* 2030, 2650, 3310</p>	<p>2010, PHYS 2210, MATH 2250</p> <p>ME EN 2030 Dynamics 3hr F,S,Su* 3220, 3710</p>	<p>1000, 2010, MSE 2160</p> <p>ME EN 2650 Manufacturing for Eng Sys 3hr L F,S 3000, 3230</p>	<p>ME EN 3310</p> <p>ME EN 3315 Mechanics of Materials Lab 1hr L F,S 3000, 4000</p>	<p>Tech Elective Honors Elec ME EN 5/6000 3hr</p>	<p>Tech Elective Honors Elec ME EN 5/6000 3hr</p>	<p>Tech Elective Honors Elec ME EN 5/6000 3hr</p>
	<p>HONOR 1010 1.5 hr</p>	<p>HONOR 1020 1.5 hr</p>	<p>PHYS 2220, MATH 2250</p> <p>ECE 2210 Electrical Engineering 3hr L F,S 3220</p>	<p>ME EN 2650</p> <p>ME EN 2655 Manufact Lab 1hr L F,S 3000, 3230</p>	<p>1010, 2030, 2450, ECE 2210, MATH 2250</p> <p>ME EN 3220‡ Dyn Sys & Control 3hr F,S 3230, 4000</p>	<p>2550, 2650, 3220, MATH 3140</p> <p>ME EN 3230‡ Mechatronics 4hr L F,S 4000</p>	<p>Gen. Ed. Req.</p>	<p>Gen. Ed. Req.</p>
	<p>Gen. Ed. Req. WRWG 2010 Int Writing</p>	<p>MATH 1210</p> <p>PHYS 2210 Physics I 4hr F,S,Su* 1010, 2010, 2030, 2300, MATH 2250, PHYS 2220</p>	<p>PHYS 2210, MATH 1220</p> <p>PHYS 2220 Physics II 4hr F,S,Su* ECE 2210</p>	<p>MATH 2250, PHYS 2210</p> <p>ME EN 2300 Thermo 3hr F,S, Su* 3650, 3710, 4650, 4000</p>	<p>2030, 2300, 2450, MATH 2250 & 2210</p> <p>ME EN 3710 Fluid Mechanics 3hr F,S, Su* 3650, 4000, 4650</p>	<p>2300, 3710, MATH 2250 & 2210 & 3150</p> <p>ME EN 3650 Heat Transfer 3hr F,S, Su* 4000, 4650</p>	<p>2550, 3400, 3650, 3710</p> <p>ME EN 4650 TFES Lab 3hr L F,S</p>	<p>HONORS IT</p>
	<p>MATH (1050&1060) or MATH 1080</p> <p>MATH 1210 Calculus I 4hr F,S, Su* 1000, 1010, 2010, PHYS 2210, MATH 1220</p>	<p>MATH 1210</p> <p>MATH 1220 Calculus II 4hr F,S,Su* 2010, MSE 2160, PHYS 2220, MATH 2250</p>	<p>(MATH 1220 & PHYS 2210) OR MATH 2210</p> <p>MATH 2250 ODEs & Linear Algebra 4hr F,S,Su* 2030, 2450, 3310, 3650, 3710, ECE 2210, MATH 3150</p>	<p>MATH 1220</p> <p>MATH 2210 Calculus III 3hr F,S,Su* 3310, 3650, 3710, MATH 3150</p>	<p>MATH 2210 & 2250</p> <p>MATH 3150 PDEs 2hr F,S,Su* 3230, 3650</p>	<p>HONORS IT</p>		

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