

Mechanical Engineering 2021-22 mech.utah.edu/academics	Year 1		Year 2		Year 3		Year 4	
	Fall (15 hrs)**	Spring (17 hrs)**	Fall (17 hrs)**	Spring (15 hrs)	Fall (15 hrs)	Spring (16 hrs)**	Fall (15 hrs)**	Spring (18 hrs)**
<p>Admissions</p> <ul style="list-style-type: none"> Apply to U of U Complete prereqs to Calculus I Be offered full major status through the the Dept. of Mechanical Engineering (see our website for more details). <p>Continuing Performance</p> <ul style="list-style-type: none"> 2.5 cumulative U of U GPA Pre/co-reqs strictly enforced C or better in major courses (C-for students who began the major at the U prior to Fall 2016) C or better in MATH courses One repeat per course (second grade counts) Upper division core GPA of 2.3 <p>Graduation Requirements</p> <ul style="list-style-type: none"> U of U BS requirements 2.5 cumulative U of U GPA C or better in major courses <p>*** MATH 1215 will meet the same prerequisites as MATH 1210</p>	<p>MATH 1210</p> <p>ME EN 1000 Intro to Design for Eng Sys 3hr L F,S</p> <p>1010, 2650</p>	<p>1000, PHYS 2210, MATH 1210</p> <p>ME EN 1010 Comp Prob Solv for Eng Sys 3hr L F,S</p> <p>2450, 2550, 3220</p>	<p>1010, MATH 2250</p> <p>ME EN 2450 Num Methods for Eng Sys 3hr L F,S</p> <p>3220, 3710</p>	<p>1000, 2010, MSE 2160</p> <p>ME EN 2650 Manufacturing for Eng Sys 3hr L F,S</p> <p>3000, 3230</p>	<p>WRTG 2010</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>2300, 3000, 3220, 3230, 3310, 3315, 3400, 3710, 3650, 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>MATH 1050 or MATH 1080</p> <p>CHEM 1210 Chemistry 4hr F,S,Su*</p> <p>CHEM 1215, MSE 2160</p>	<p>CHEM 1210</p> <p>CHEM 1215 Chemistry Lab 1hr F,S,Su*</p>	<p>CHEM 1210, MATH 1210</p> <p>MSE 2160 Materials Science 3hr F,S</p> <p>2650, 3000, 3310</p>	<p>MATH 2250, PHYS 2210</p> <p>ME EN 2300 (formerly 3610) Thermo 3hr F,S,Su*</p> <p>3650, 3710, 4650, 4000</p>	<p>2030, 2300, 2450, MATH 2250 & 2210</p> <p>ME EN 3710 Fluid Mechanics 3hr F,S,Su*</p> <p>3650, 4000, 4650</p>	<p>2300, 3710, MATH 2250 & 2210 & 3150</p> <p>ME EN 3650 (formerly 4610) Heat Transfer 3hr F,S,Su*</p> <p>4000, 4650</p>	<p>2300, 2550, 3400, 3710, 3650</p> <p>ME EN 4650 TFES Lab 3hr F,S</p> <p>4000</p>	<p>Tech Elective 3hr</p>	
<p>MATH 1210 & 1220, PHYS 2210</p> <p>ME EN 2010 Statics 3hr F,S,Su*</p> <p>2030, 2650, 3310</p>	<p>2010, PHYS 2210, MATH 2250</p> <p>ME EN 2030 Dynamics 3hr F,S,Su*</p> <p>3220, 3710</p>	<p>2010, MSE 2160, MATH 2250 & 2210</p> <p>ME EN 3310 Mechanics of Materials 3hr F,S</p> <p>3000, 4000</p>	<p>Tech Elective 3hr</p>	<p>Tech Elective 3hr</p>	<p>Tech Elective 3hr</p>	<p>Tech Elective 3hr</p>		
<p>Gen. Ed. Req.</p> <p>WRTG 2010 Recommended in first year</p>	<p>Gen. Ed. Req.</p>	<p>ME EN 2550 Probability & Statistics 3hr F,S,Su*</p> <p>3230, 4650</p>	<p>ME EN 3315 Mechanics of Materials 1hr F,S</p> <p>3000, 4000</p>	<p>Gen. Ed. Req.</p>	<p>Gen. Ed. Req.</p>	<p>Gen. Ed. Req.</p>		
<p>Co-requisite, Prerequisite</p> <p>CATALOG ##### Course Title 4hr L F,S,Su* — Gen. Ed. Course</p> <p>Concurrent, Subsequent</p> <p>Requires Full Major Status</p> <p>L = Lab Included F = Fall S = Spring Su* = Summer (tentative)</p> <p>** Assumes 3 hrs per Gen. Ed. Req.</p>	<p>MATH 1210</p> <p>PHYS 2210 Physics I 4hr F,S,Su*</p> <p>1010, 2010, 2030, 2300, MATH 2250, PHYS 2220</p>	<p>PHYS 2210, MATH 1220</p> <p>PHYS 2220 Physics II 4hr F,S,Su*</p> <p>ECE 2210</p>	<p>PHYS 2220, MATH 2250</p> <p>ECE 2210 Electrical Engineering 3hr L F,S</p> <p>3220</p>	<p>1010, 2030, 2450, ECE 2210, MATH 2250</p> <p>ME EN 3220‡ Dyn Sys & Control 3hr F,S</p> <p>3230, 4000</p>	<p>2550, 2650, 3220, MATH 3150</p> <p>ME EN 3230‡ Mechatronics 4hr L F,S</p> <p>4000</p>	<p>Gen. Ed. Req.</p>	<p>Gen. Ed. Req.</p>	
<p>MATH (1050&1060) or MATH 1080</p> <p>MATH 1210 *** Calculus I 4hr F,S,Su*</p> <p>1000, 1010, 2010, PHYS 2210, MATH 1220, MSE 2160</p>	<p>MATH 1210</p> <p>MATH 1220 Calculus II 4hr F,S,Su*</p> <p>2010, 2550, PHYS 2220, MATH 2210, 2250</p>	<p>(MATH 1220 & PHYS 2210) or MATH 2210</p> <p>MATH 2250 ODEs & Linear Algebra 4hr F,S,Su*</p> <p>2030, 2300, 2450, 3220, 3310, 3650, 3710, ECE 2210, MATH 3150</p>	<p>MATH 1220</p> <p>MATH 2210 Calculus III 3hr F,S,Su*</p> <p>3310, 3650, 3710, MATH 3150</p>	<p>MATH 2210 & 2250</p> <p>MATH 3150 PDEs 2hr F,S,Su*</p> <p>3230, 3650</p>	<p>Gen. Ed. Req.</p>			
<p>General Education: Choose 8 courses that satisfy these 10 requirements:</p> <p>WR2 FF BF HF DV♦ AI FF BF HF IR♦</p>	<p>Disclaimer: Course availability and prerequisites subject to change. See catalog.utah.edu</p>							