


Mechanical Engineering 2016-17 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 admission to the College of Engineering (freshmen) or apply to Mechanical Eng. Dept. (current and transfer students) Accept admissions offer to receive Intermediate/Full Major Status <p>Full Major Status</p> <ul style="list-style-type: none"> Complete Year 1 technical courses with 2.7 GPA or higher <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-/C in MATH for students beginning the major prior to Fall 2016) C or better in prereqs for MATH One repeat per course (second grade counts) <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 (C- for students beginning the major prior to Fall 2016) <p>Other</p> <ul style="list-style-type: none"> FE Exam recommended (not req.) 									
	<p>MATH 1210</p> <p>ME EN 1000 Intro to Design for Eng Sys 3hr L F,S 1010, 2650</p>	<p>1000, PHYS 2210, MATH 1210</p> <p>ME EN 1010 Comp Prob Solv for Eng Sys 3hr L F,S 2450, 2550, 3220</p>	<p>1010, MATH 2250</p> <p>ME EN 2450 Num Methods for Eng Sys 3hr L F,S 3220, 3710</p>	<p>1000, 2010, MSE 2160</p> <p>ME EN 2650 Manufacturing for Eng Sys 3hr L F,S 3230</p>	<p>3300 or 3230, WRTG 2010</p> <p>ME EN 3400 Technical Communication 3hr 4000, 4650</p>	<p>2650, 3300, MSE 2160</p> <p>ME EN 3000 Design of Mech Elem 3hr F,S 4000</p>	<p>3000, 3220, 3230, 3300, 3400, 3610, 3710, 4610</p> <p>ME EN 4000 Senior Design I 3hr F,S 4010</p>	<p>4000</p> <p>ME EN 4010 Senior Design II 3hr F,S</p>	
	<p>MATH 1050 or MATH 1080</p> <p>CHEM 1210 Chemistry 4hr CHEM 1215, MSE 2160</p>	<p>MATH 1210</p> <p>PHYS 2210 Physics I 4hr 1010, 2010, 2030, 3610, MATH 2250, PHYS 2220</p>	<p>PHYS 2210, MATH 1220</p> <p>PHYS 2220 Physics II 4hr ECE 2210</p>	<p>PHYS 2220, MATH 2250</p> <p>ECE 2210 Electrical Engineering 3hr L F,S 3220</p>	<p>1010, 2030, 2450, ECE 2210, MATH 2250</p> <p>ME EN 3220 Dyn Sys & Control 3hr F,S 3230, 4000</p>	<p>2030, 2450, 3610, MATH 2250 & 2210</p> <p>ME EN 3710 Fluid Mechanics 3hr F,S 4000, 4610, 4650</p>	<p>3610, 3710, MATH 2250 & 2210 & 3150</p> <p>ME EN 4610 Heat Transfer 3hr F,S 4000, 4650</p>	<p>Tech Elective 3hr</p>	
	<p>MATH 1210 & 1220, PHYS 2210</p> <p>CHEM 1215 Chemistry Lab 1hr</p>	<p>MATH 1210</p> <p>PHYS 2210 Physics I 4hr</p>	<p>PHYS 2210, MATH 1220</p> <p>PHYS 2220 Physics II 4hr</p>	<p>PHYS 2220, MATH 2250</p> <p>ECE 2210 Electrical Engineering 3hr L F,S 3220</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 3150</p> <p>ME EN 3230 Mechatronics 4hr L F,S 4000</p>	<p>2550, 3400, 3610, 3710, 4610</p> <p>ME EN 4650 TFES Lab 3hr F,S</p>	<p>Tech Elective 3hr</p>	<p>Tech Elective 3hr</p>
	<p>CHEM 1210</p> <p>CHEM 1215 Chemistry Lab 1hr</p>	<p>MATH 1210 & 1220, PHYS 2210</p> <p>ME EN 2010 Statics 3hr F,S,Su* 2030, 2650, 3300</p>	<p>CHEM 1210, MATH 1220</p> <p>MSE 2160 Materials Science 3hr F,S 2650, 3000, 3300</p>	<p>2010, PHYS 2210, MATH 2250</p> <p>ME EN 2030 Dynamics 3hr F,S,Su* 3220, 3710</p>	<p>2010, MSE 2160, MATH 2250 & 2210</p> <p>ME EN 3300 Strengths 4hr L F,S 3000, 4000</p>	<p>Tech Elective 3hr</p>	<p>Tech Elective 3hr</p>	<p>Gen. Ed. Req.</p>	
	<p>MATH (1050&1060) or MATH 1080</p> <p>MATH 1210 Calculus I 4hr 1000, 1010, 2010, PHYS 2210, MATH 1220</p>	<p>MATH 1210</p> <p>MATH 1220 Calculus II 4hr 2010, 3610, MSE 2160, PHYS 2220, MATH 2250</p>	<p>(MATH 1220 & PHYS 2210) or MATH 2210</p> <p>MATH 2250 ODEs & Linear Algebra 4hr 2030, 2450, 3300, 3710, 4610, ECE 2210, MATH 3150</p>	<p>MATH 1220</p> <p>MATH 2210 Calculus III 3hr 3300, 3610, 3710, 4610, MATH 3150</p>	<p>MATH 2210 & 2250</p> <p>MATH 3150 PDEs 2hr 3230, 4610</p>				<p>Gen. Ed. Req.</p>
	<p>ME EN 2550 Statistics 3hr F,S 1010, MATH 1220 3230, 4650</p>								<p>Gen. Ed. Req.</p>
	<p>ME EN 2550 Statistics 3hr F,S 3230, 4650</p>								<p>Gen. Ed. Req.</p>

General Education: Choose 8 courses that satisfy these 10 requirements:

WR2	FF	BF	HF	DV
AI	FF	BF	HF	IR