

Mechanical Engineering 2014-15 mech.utah.edu/academics	Year 1		Year 2		Year 3		Year 4	
	Fall (15 hrs)**	Spring (15 hrs)	Fall (17 hrs)**	Spring (16 hrs)	Fall (15.5 hrs)	Spring (16 hrs)	Fall (15 hrs)**	Spring (18 hrs)**
<b>Admissions</b> <input type="checkbox"/> Apply to U of U <input type="checkbox"/> Complete prereqs to Calculus I <input type="checkbox"/> Apply to Mechanical Eng. Dept. <input type="checkbox"/> Accept admissions offer to receive Intermediate/Full Major Status  <b>Status</b> <input type="checkbox"/> Complete Year 1 technical courses with 2.7 GPA or higher <input type="checkbox"/> Meet with advisor  <b>Continuing Performance</b> <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"/> C or better in prereqs for MATH <input type="checkbox"/> One repeat per course (second grade counts)  <b>Graduation Requirements</b> <input type="checkbox"/> U of U BS requirements <input type="checkbox"/> 2.5 cumulative U of U GPA <input type="checkbox"/> 2.0 cumulative GPA in sequences (Math, Solid Mechanics, Thermal-Fluids, Mechatronics) <input type="checkbox"/> C- or better in major courses <input type="checkbox"/> Pass FE Exam	MATH 1210 <b>ME EN 1000</b> Intro to Design for Eng Sys 3hr L F 1010, 2650, 2655	1000, MATH 1210, PHYS 2210 <b>ME EN 1010</b> Comp Prob Solv for Eng Sys 3hr L F,S 2450, 3200	1010, MATH 2250 <b>ME EN 2450</b> Num Methods for Eng Sys 3hr L F,S 3200, 3650, 3700	1000, 1300, 2655, MSE 2160 <b>ME EN 2650</b> Manufacturing for Eng Sys 3hr F,S 3000	<b>ME EN 3900</b> Seminar 0.5hr F	2650, 2655, 3300, MSE 2160 <b>ME EN 3000</b> Design of Mech Elem 3hr F,S 4000	3000, 3210, 3300, 3600, 3650, 3700 <b>ME EN 4000</b> Senior Design I 3hr F,S 4010	4000 <b>ME EN 4010</b> Senior Design II 3hr S
	Gen. Ed. Req. <b>WRTG 2010</b> recommended		Gen. Ed. Req.	1000, 1300 <b>ME EN 2655</b> Manufacturing Lab 1hr F,S,Su* 2650, 3000, 3200	2300 <b>ME EN 3600</b> Thermo II 3hr L F,S 4000	<b>Tech Elective</b> 3hr	<b>Tech Elective</b> 3hr	<b>Tech Elective</b> 3hr
				MATH 1220, PHYS 2210 <b>ME EN 2300</b> Thermo I 2hr F,S,Su* 3600, 3650, 3700	2080, 2300, 2450, MATH 2210 & 2250 <b>ME EN 3700</b> Fluid Mechanics 4hr L F,S 3650, 4000	2300, 2450, 3700, MATH 3150 <b>ME EN 3650</b> Heat Transfer 4hr L F,S 4000		<b>Tech Elective</b> 3hr
	MATH 1050 or MATH 1080 <b>CHEM 1210</b> Chemistry 4hr CHEM 1215, MSE 2160	MATH 1210 & 1220, PHYS 2210 <b>ME EN 1300</b> Statics & Strengths 4hr F,S,Su* 2080, 2650, 2655, 3300	CHEM 1210, MATH 1220 <b>MSE 2160</b> Materials Science 3hr F 2650, 3000, 3300	1300, PHYS 2210, MATH 2250 <b>ME EN 2080</b> Dynamics 4hr F,S,Su* 3200, 3700	1300, MSE 2160, MATH 2250 & 2210 <b>ME EN 3300</b> Strengths II 4hr L F,S 3000, 4000		Gen. Ed. Req.	Gen. Ed. Req.
Co-requisite, Prerequisite <b>CATALOG #####</b> Course Title 4hr L F,S,Su* Concurrent, Subsequent Requires Intermediate Status Requires Full Major Status L = Lab Included F = Fall S = Spring Su* = Summer (tentative) ** Assumes 3 hrs per Gen. Ed. Req.	CHEM 1210 <b>CHEM 1215</b> Chemistry Lab 1hr	MATH 1210 <b>PHYS 2210</b> Physics I 4hr 1010, 1300, 2080, 2300, MATH 2250, PHYS 2220	PHYS 2210, MATH 1220 <b>PHYS 2220</b> Physics II 4hr ECE 2210	PHYS 2220, MATH 2250 <b>ECE 2210</b> Electrical Engineering 3hr L F,S 3200	1010, 2080, 2450, 2655, ECE 2210 <b>ME EN 3200</b> Mechatronics I 4hr L F,S 3210	3200 <b>ME EN 3210</b> Mechatronics II 4hr L S 4000	Gen. Ed. Req.	Gen. Ed. Req.
<b>General Education:</b> Choose 8 courses that satisfy these 10 requirements: WR2 FF BF HF DV AI FF BF HF IR	MATH (1050&1060) or MATH 1080 <b>MATH 1210</b> Calculus I 4hr 1000, 1010, 1300, PHYS 2210, MATH 1220	MATH 1210 <b>MATH 1220</b> Calculus II 4hr 1300, MSE 2160, PHYS 2220, 2300, MATH 2250 & 2210	(MATH 1220 & PHYS 2210) or MATH 2210 <b>MATH 2250</b> ODEs & Linear Algebra 4hr 2080, 2450, 3300, 3700, ECE 2210, MATH 3150	MATH 1220 <b>MATH 2210</b> Calculus III 3hr 3300, 3700, MATH 2250 & 3150	MATH 2210 & 2250 <b>MATH 3150</b> PDEs 2hr 3650		Gen. Ed. Req.	Gen. Ed. Req.
Name: _____ uNID: _____ Date: _____								