

Mechanical Engineering 2015-16 mech.utah.edu/academics	Year 1		Year 2		Year 3		Year 4		
	Fall (15 hrs)**	Spring (15 hrs)	Fall (17 hrs)**	Spring (15 hrs)	Fall (15.5 hrs)	Spring (16 hrs)	Fall (15 hrs)**	Spring (18 hrs)**	
Admissions <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 Status <input type="checkbox"/> Complete Year 1 technical courses with 2.7 GPA or higher <input type="checkbox"/> Meet with advisor Continuing Performance <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) Graduation Requirements <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"/> FE Exam recommended	MATH 1310 ME EN 1000 Intro to Design for Eng Sys 3hr L F,S 1010, 2650	1000, MATH 1310, PHYS 2210 ME EN 1010 Comp Prob Solv for Eng Sys 3hr L F,S 2450, 3200	1010, MATH 2250 ME EN 2450 Num Methods for Eng Sys 3hr L F,S 3200, 3650, 3700	1000, 1300, MSE 2160 ME EN 2650 Manufacturing for Eng Sys 3hr L F,S 3000	ME EN 3900 Seminar 0.5hr F 2300	2650, 3300, MSE 2160 ME EN 3000 Design of Mech Elem 3hr F,S 4000	3000, 3210, 3300, 3600, 3650, 3700 ME EN 4000 Senior Design I 3hr F,S 4010	4000 ME EN 4010 Senior Design II 3hr F,S	
	Gen. Ed. Req. WRTG 2010 recommended		Gen. Ed. Req.		ME EN 3600 Thermo II 3hr L F,S 4000	Tech Elective 3hr	Tech Elective 3hr	Tech Elective 3hr	
				MATH 1320, PHYS 2210 ME EN 2300 Thermo I 2hr F,S,Su* 3600, 3650, 3700	2080, 2300, 2450, MATH 3140 & 2250 ME EN 3700 Fluid Mechanics 4hr L F,S 3650, 4000	2300, 2450, 3700, MATH 3140 ME EN 3650 Heat Transfer 4hr L F,S 4000		Tech Elective 3hr	
		MATH 1050 or MATH 1080 CHEM 1210 Chemistry 4hr CHEM 1215, MSE 2160	MATH 1310 & 1320, PHYS 2210 ME EN 1300 Statics & Strengths 4hr F,S,Su* 2080, 2650, 3300	CHEM 1210, MATH 1310 MSE 2160 Materials Science 3hr F 2650, 3000, 3300	1300, PHYS 2210, MATH 2250 ME EN 2080 Dynamics 4hr F,S,Su* 3200, 3700	1300, MSE 2160, MATH 2250 & 3140 ME EN 3300 Strength of Materials II 4hr L F,S 3000, 4000		Gen. Ed. Req.	Gen. Ed. Req.
		CHEM 1215 Chemistry Lab 1hr	MATH 1310 PHYS 2210 Physics I 4hr 1010, 1300, 2080, 2300, MATH 2250, PHYS 2220	PHYS 2210, MATH 1320 PHYS 2220 Physics II 4hr ECE 2210	PHYS 2220, MATH 2250 ECE 2210 Electrical Engineering 3hr L F,S 3200	1010, 2080, 2450, ECE 2210 ME EN 3200 Mechatronics I 4hr L F,S 3210	3200 ME EN 3210 Mechatronics II 4hr L F,S 4000	Gen. Ed. Req.	Gen. Ed. Req.
	MATH (1050&1060) or MATH 1080 MATH 1310 Engineering Calculus I 4hr 1000, 1010, 1300, PHYS 2210, MATH 1320	MATH 1310 MATH 1320 Engineering Calculus II 4hr 1300, MSE 2160, PHYS 2220, 2300, MATH 2250 & 3140	(MATH 1220 & PHYS 2210) or MATH 1320 MATH 2250 DiffEqs & Linear Algebra 4hr 2080, 2450, 3300, 3700, ECE 2210, MATH 3140	MATH 2250 and 1320 MATH 3140 Vector Calculus and PDEs 4hr 3300, 3650, 3700	Engineering Calculus Path		Gen. Ed. Req.	Gen. Ed. Req.	

Co-requisite
Prerequisite

CATALOG ####
Course Title
4hr L F,S,Su* — 2.7 or higher cum. GPA required for Full Major Status

Concurrent
Subsequent

— Gen. Ed. Course

Requires Intermediate Status L = Lab Included
F = Fall
S = Spring
Requires Full Major Status Su* = Summer (tentative)

** Assumes 3 hrs per Gen. Ed. Req.

General Education: Choose 8 courses that satisfy these 10 requirements:
 WR2 FF BF HF DV
 AI FF BF HF IR

Name: _____
 uNID: _____ Date: _____