


Mechanical Engineering 2017-18 mech.utah.edu/academics	Year 1		Year 2		Year 3		Year 4		
	Fall (15 hrs)**	Spring (17 hrs)**	Fall (17 hrs)**	Spring (16 hrs)	Fall (16 hrs)	Spring (16 hrs)**	Fall (15 hrs)**	Spring (15 hrs)**	
Admissions <input type="checkbox"/> Apply to U of U <input type="checkbox"/> Complete prereqs to Calculus I <input type="checkbox"/> Be offered admission to the College of Engineering (freshmen Fall 2016 or later) or apply to Mechanical Eng. Dept. (freshmen prior to Fall 2016 and transfer students) <input type="checkbox"/> Accept admissions offer to receive Intermediate/Full Major Status Full Major Status <input type="checkbox"/> Complete Year 1 technical courses with 2.7 GPA or higher 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 (C- for students beginning the major at the U prior to Fall 2016) <input type="checkbox"/> C or better in MATH courses <input type="checkbox"/> One repeat per course (second grade counts) <input type="checkbox"/> Upper division core GPA of 2.3 Graduation Requirements <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 (C- for students who began the major at the U prior to Fall 2016)									
	MATH 1310 ME EN 1000 Intro to Design for Eng Sys 3hr L F,S 1010, 2650	1000, PHYS 2210, MATH 1310 ME EN 1010 Comp Prob Solv for Eng Sys 3hr L F,S 2450, 2550, 3220	1010, MATH 2250 ME EN 2450 Num Methods for Eng Sys 3hr L F,S 3220, 3710	1000, 2010, MSE 2160 ME EN 2650 Manufacturing for Eng Sys 3hr F,S 3230	3300 or 3230, WRTG 2010 ME EN 3400+ Professional Communication 3hr F,S 4000, 4650	2650, 3300, MSE 2160 ME EN 3000 Design of Mech Elem 3hr F,S 4000	3000, 3220, 3230, 3300, 3400, 3610, 3710, 4610, 4650 ME EN 4000+ Engineering Design I 3hr F,S 4010	4000 ME EN 4010 Engineering Design II 3hr F,S	
	MATH 1050 or MATH 1080 CHEM 1210 Chemistry 4hr CHEM 1215, MSE 2160	MATH 1310 PHYS 2210 Physics I 4hr 1010, 2010, 2030, 3610, MATH 2250, PHYS 2250	PHYS 2210, MATH 1320 PHYS 2220 Physics II 4hr ECE 2210	PHYS 2220, MATH 2250 ECE 2210 Electrical Engineering 3hr L F,S 3220	1010, 2030, 2450, ECE 2210, MATH 2250 ME EN 3220‡ Dyn Sys & Control 3hr F,S 3230, 4000	2550, 2650, 3220, MATH 3140 ME EN 3230‡ Mechatronics 4hr L F,S 4000	2550, 3400, 3610, 3710, 4610 ME EN 4650 TFES Lab 3hr F,S	Tech Elective 3hr	
	CHEM 1210 CHEM 1215 Chemistry Lab 1hr	MATH 1310 & 1320, PHYS 2210 ME EN 2010 Statics 3hr F,S,Su* 2030, 2650, 3300	CHEM 1210, MATH 1310 MSE 2160 Materials Science 3hr F,S 2650, 3000, 3300	2010, PHYS 2210, MATH 2250 ME EN 2030 Dynamics 3hr F,S,Su* 3220, 3710	2010, MSE 2160, MATH 2250 & 3140 ME EN 3300 Strength of Materials 4hr L F,S 3000, 4000	Tech Elective 3hr	Tech Elective 3hr	Tech Elective 3hr	
MATH (1050&1060) or MATH 1080 MATH 1310 Engineering Calculus I 4hr 1000, 1010, 2010, PHYS 2210, MATH 1320	MATH 1310 MATH 1320 Engineering Calculus II 4hr 2010, 3610, MSE 2160, PHYS 2220, MATH 2250	MATH 1320 MATH 2250 ODEs & Linear Algebra 4hr 2030, 2450, 3300, 3710, 4610, ECE 2210, MATH 3140	MATH 1320 & 2250 MATH 3140 Vector Calculus/PDEs 4hr 3300, 3610, 3710, 4610	1010, MATH 1320 ME EN 2550 Probability & Statistics 3hr F,S, Su* 3230, 4650					
Co-requisite, Prerequisite CATALOG ##### Course Title 4hr L F,S,Su* Gen. Ed. Course 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.	Gen. Ed. Req. WRTG 2010 Recommended in first year							Gen. Ed. Req.	
General Education: Choose 8 courses that satisfy these 10 requirements: WR2 FF BF HF DV* AI FF BF HF IR*									

Notes: *DV and IR can each double count with an FF, HF or BF †Meets the CW (Upper Division Writing) requirement (ME EN 4000 until Sp18 only) ‡ Meets the QI (Quantitative Intensive) requirement (ME EN 3230 in progress)