

**University of Utah Mechanical Engineering Lower-Division Course  
Articulation Table-2020-2021 (updated 1/13/20)**

UofU Course	UofU Course Title	SLCC	DIXIE	SNOW	SUU	WEBER	USU/USUE	UVU	BYU	BYU-IDAHO	WESTMINSTER
CHEM 1210	General Chemistry I	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 105	CHEM 105	CHEM 111
CHEM 1215	General Chemistry I Lab	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1210	CHEM 1215	CHEM 1215	CHEM 107	CHEM 105 or 105L	CHEM 111
MATH 1210	Calculus I	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 112	FDMAT 112	MATH 201
MATH 1220	Calculus II	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 113	MATH 113	MATH 202
MATH 2210	Calculus III	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 314	MATH 214 or 215	MATH 203
MATH 2250	Differential Equations and Linear Algebra	MATH 2250	MATH 2270 & 2280 OR 2250	MATH 2250	MATH 2250	MATH 2250	MATH 2250	MATH 2270 & 2280 OR 2250	MATH 313 & 334	MATH 316	MATH 311 & MATH 363
PHYS 2210	Physics for Scientists and Engineers I	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHSCS 121 & 123**	PH 121 & 123**	PHYS 211
PHYS 2220	Physics for Scientists and Engineers II	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHSCS 220	PH 220	PHYS 212
ME EN 1000	Introduction to Mechanical Design for Engineering Systems	MEEN 1000 & 1005		ENGR 1000 & ENGR 1300*		ENGR 1000 & DET 1010*	MAE 1010 & MAE 1200*	ENGR 1000		ME 101 & ME 172*	
ME EN 1010	Computer-Based Problem Solving for Engineering Systems	ENGR 1030 & 1035	MECH 1200+1205					ENGR 1030	ME EN 273***		
ME EN 2010	Statics	ENGR 2010	ENGR 2010	ENGR 2010	ENGR 2010	ENGR 2010	ENGR 2010	ENGR 2010	ME EN 101^	ME 201	
ME EN 2030	Dynamics	ENGR 2030	ENGR 2030	ENGR 2030	ENGR 2030	ENGR 2080	ENGR 2030	ENGR 2030	CE EN 204	ME 204	
ME EN 2300	Thermodynamics	ENGR 2300		ENGR 2300		ENGR 2300	MAE 2300	ENGR 2300	ME EN 321		
ME EN 2450	Numerical Methods for Engineering Systems	ENGR 2450	MATH 3500	ENGR 2450			MAE 3210	ENGR 2450	ME EN 273***	ME EN 342	
ME EN 2550	Probability and Statistics	ENGR 2550	MATH 3400					ECE 3710		MATH 330	
ME EN 2650	Manufacturing Processes for Engineering Systems	MEEN 2650						ENGR 2650	ME EN 382		
ECE 2210	Electrical and Computer Engineering for Nonmajors	EE 2210	MECH 2210+2215			ENGR 2210	ENGR 2210	ECE 2210+2215	EC EN 301	ECEN 150	
MSE 2160	Materials Science	MSE 2160	MECH 2160	ENGR 2160	ENGR 3010	ENGR 2160	MAE 2160	ENGR 2160	ME EN 250	ME 250	

**Notes:**

\* Or take ME EN 1005 SolidWorks Lab (1hr) at the U of U--see advisor

\*\* Students who transfer before taking PHSCS 123 will need to complete an independent study with the Physics department for missing content.

\*\*\* May fulfill the ME EN 1010 OR ME EN 2450 requirement but not both

^ This course is accepted but does not cover the topics in as much depth as the University of Utah's ME EN 2010 course so students may want to consider retaking the course if they feel they don't have a strong mastery of the material.

To get a course approved that is not on this spreadsheet to count for a requirement, use the online articulation form at [mech.utah.edu/Academics/Undergraduate/Quicklinks](http://mech.utah.edu/Academics/Undergraduate/Quicklinks)