

**University of Utah Mechanical Engineering Lower-Division Course  
Articulation Table 2023 - 2024 (updated 4/18/23)**

UofU Course #	UofU Course Title	SLCC	Utah Tech	SNOW	SUU	WEBER	USU/USUE	UVU	BYU	Equivalent AP Score	IB
CHEM 1210	General Chemistry I	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 105	4 or higher	
CHEM 1215	General Chemistry I Lab	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1210	CHEM 1215	CHEM 1215	CHEM 107	Turn in AP Lab Notebook^	
MATH 1010	Intermediate Algebra	MATH 1010	MATH 1010	MATH 1010	MATH 1010	MATH 1010	MATH 1010	MATH 1010	MATH 112		
MATH 1080	Pre-Calculus	MATH 1080	MATH 1080	MATH 1080		MATH 1080		MATH 1080	MATH 113		
MATH 1050	College Algebra	MATH 1050	MATH 1050	MATH 1050	MATH 1050	MATH 1050	MATH 1050	MATH 1050			Standard Level Score 5 or higher
MATH 1060	Trigonometry	MATH 1060	MATH 1060	MATH 1060	MATH 1060	MATH 1060	MATH 1060	MATH 1060			
MATH 1210	Calculus I	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210		AB - 4 or higher BC - 3 or higher	Higher Level Score 5 or higher
MATH 1220	Calculus II	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220		BC - 4 or higher	
MATH 2210	Calculus III	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210			
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			
PHYS 2210	Physics for Scientists and Engineers I	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210		Physics C Mechanics 4 or higher	
PHYS 2220	Physics for Scientists and Engineers II	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220		Physics C Electricity & Magnetism 4 or higher	
WRTG 1010	Introduction to Writing	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010		4 or higher	
WRTG 2010	Intermediate Writing	ENGL 2010 or 2100	ENGL 2010	ENGL 2010	ENGL 2010	ENGL 2010	ENGL 2010	ENGL 2010		4 or higher ‡	
<b>For all general education courses, check Degree Audit or talk to your advisor. If interested in Engineering Math (1310 &amp; 1320), talk to your advisor.</b>											

**Notes:**

\*\* Students who transfer before taking PHSCS 123 will need to complete an independent study with the Physics department for missing content.  
^ Save Lab notebook and turn it in to Chemistry department by August 6th for Fall evaluation (<https://chem.utah.edu/undergraduate/advising.php>)

‡ Only for exams taken Summer 2022 or earlier

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](http://mech.utah.edu)>Academics>Undergraduate>Quicklinks

## University of Utah Mechanical Engineering Lower Division Articulation Chart Updated 4/18/23

UofU Course	UofU Course Title	SLCC	Utah Tech	SNOW	SUU	WEBER	USU/USUE	UVU	BYU
ME EN 1000	Introduction to Mechanical Design for Engineering Systems	MEEN 1000 & 1005	MECH 1000	ENGR 1300	ENGR 1030 & ENGR 1050	ENGR 1000 & DET 1010* or PDD 1010*	MAE 1010 & MAE 1200*	ENGR 1000	
ME EN 1010	Computer-Based Problem Solving for Engineering Systems	ENGR 1030 & 1035	MECH 1200+1205			ME 3300		ENGR 1030	ME EN 273***
ME EN 2010	Statics	ENGR 2010	MECH 2010	ENGR 2010	ENGR 2010	ENGR 2010	ENGR 2010	ENGR 2010	ME EN 101
ME EN 2030	Dynamics	ENGR 2030		ENGR 2030	ENGR 2030		ENGR 2030	ENGR 2030	
ME EN 2300	Thermodynamics	ENGR 2300				ENGR 2030			
ME EN 2450	Numerical Methods for Eng Systems	ENGR 2450					MAE 3210	ENGR 2450	ME EN 273***
ME EN 2550	Probability and Statistics	ENGR 2550						ECE 3710	
ME EN 2650	Manufacturing Processes for Engineering Systems	ME EN 2650						ENGR 2650	ME EN 282
ECE 2210	Electrical and Computer Engineering for Nonmajors	EE 2210				ENGR 2210	ECE 2210	EC EN 301	ECEN 150
MSE 2160	Materials Science	MSE 2160		ENGR 2160	ENGR 3010	ENGR 2160	MAE 2160	ENGR 2160	ME EN 250
<b>For all general education courses, check Degree Audit or talk to your advisor. If interested in Engineering Math (1310 &amp; 1320), talk to your advisor.</b>									

**Notes:**

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

\*\*\*ME EN 273 can only count for ME EN 1010 or ME EN 2450, but not both.

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