

Construction Engineering Articulation Guide

Fall 2024- Summer 2025

| | University of Utah | BYU | BYU-Idaho | Utah Tech | SLCC | SNOW | SUU | USU | UVU | Weber | Westminster | |
|--|--------------------------|-------------------------------------|----------------------------|-----------------------|-------------------------------------|----------------------|------------------------|-----------------------|----------------------|-----------|---------------------|-----------|
| General Chemistry I | CHEM 1210 | CHEM 105 | CHEM 105 | CHEM 1210 | CHEM 1210 | CHEM 1210 | CHEM 1210 | CHEM 1210 | CHEM 1210 | CHEM 1210 | CHEM 111 | |
| General Chemistry I Lab | CHEM 1215 | CHEM 107 | | CHEM 1215 | CHEM 1215 | CHEM 1215 | CHEM 1215 | CHEM 1215 | CHEM 1215 | | | CHEM 1215 |
| General Chemistry II | CHEM 1220 | CHEM 106 | CHEM 106 | CHEM 1220 | CHEM 1220 | CHEM 1220 | CHEM 1220 | CHEM 1220 | CHEM 1220 | CHEM 1220 | CHEM 112 | |
| General Chemistry II Lab | CHEM 1225 | CHEM 113 | | CHEM 1225 | CHEM 1225 | CHEM 1225 | CHEM 1225 | CHEM 1225 | CHEM 1225 | | | CHEM 1225 |
| Calculus I | MATH 1210 | MATH 112 | FDMAT 112 | MATH 1210 | MATH 1210 | MATH 1210 | MATH 1210 | MATH 1210 | MATH 1210 | MATH 1210 | MATH 201 | |
| Calculus II | MATH 1220 | MATH 113 | MATH 113 | MATH 1220 | MATH 1220 | MATH 1220 | MATH 1220 | MATH 1220 | MATH 1220 | MATH 1220 | MATH 202 | |
| Calculus III | MATH 2210 | MATH 314 | MATH 214 | MATH 2210 | MATH 2210 | MATH 2210 | MATH 2210 | MATH 2210 | MATH 2210 | MATH 2210 | MATH 203 | |
| ODE's & Linear Algebra | MATH 2250 | MATH 313 & MATH 334 | MATH 316 | MATH 2250 | MATH 2250 | MATH 2250 | MATH 2250 | MATH 2250 | MATH 2250 | MATH 2250 | MATH 311 & MATH 363 | |
| Physics for Scientists and Engineers I | PHYS 2210 | PHSCS 121 PHSCS 123 PHSCS 220 | PH 121 PH 123 PH 220 | PHYS 2210 | PHYS 2210 | PHYS 2210 | PHYS 2210 | PHYS 2210 | PHYS 2210 | PHYS 2210 | PHYS 211 | |
| Physics for Scientists and Engineers I Lab | PHYS 2215 | | | PHYS 2215 | PHYS 2215 | PHYS 2215 | PHYS 2215 | PHYS 2215 | PHYS 2215 | | | PHYS 2215 |
| Physics for Scientists and Engineers II | PHYS 2220 | | | PHYS 2220 | PHYS 2220 | PHYS 2220 | PHYS 2220 | PHYS 2220 | PHYS 2220 | PHYS 2220 | PHYS 2220 | PHYS 212 |
| Physics for Scientists and Engineers II Lab | PHYS 2225 | | | PHYS 2225 | PHYS 2225 | PHYS 2225 | PHYS 2225 | PHYS 2225 | PHYS 2225 | PHYS 2225 | | |
| Introduction to Engineering | CVEEN 1000 | CE EN 101 | ME 101 | ENGR 1000 | CEEN 1100 | ENGR 1000 | ENGR 1010 or ENGR 1050 | ENGR 1000 or CEE 1880 | ENGR 1000 | ENGR 1000 | | |
| Computer-Aided Design | CVEEN 1400 | CE EN 112 | ME 162 | | ARCH 1310 | ENGR 2270 | CCET 1040 or CCET 3670 | CEE 2270 | EDGT 1040 | | | |
| Engineering Seminar | CVEEN 2000 | CE EN 100A/B or CE EN 200A/B | | | ENGR 2950 or CEEN 2900 or MEEN 2900 | | | | | | | |
| Statics | CVEEN 2010 | CE EN 103 | ME 201 | MECH 2010 | ENGR 2010 | ENGR 2010 | ENGR 2010 | ENGR 2010 | ENGR 2010 | ENGR 2010 | | |
| Strength of Materials | CVEEN 2140 | CE EN 203 | ME 202 | MECH 3300 & MECH 3305 | ENGR 2140 | ENGR 2140 | ENGR 2140 & ENGR 2145 | ENGR 2140 | ENGR 2140 | ENGR 2140 | | |
| Engineering Probability & Statistics | CVEEN 2310 | STAT 201 | MATH 330 | MATH 3400 | ENGR 2550 | MATH 3040 | MATH 3700 | STAT 3000 | STAT 3040 | MATH 3410 | MATH 310 | |
| Engineering Economics | CVEEN 2320 | | | | ENGR 2320 | | | CEE 4200 | | EEN 2600 | | |
| Geomatics or Surveying | CVEEN 2410 or MG EN 2400 | CE EN 214 | CONST 340 | | CEEN 2240 | ENGR 2240 | CCET 2240 & CCET 2245 | CEE 2240 | EGDT 1400 | | | |
| Computer Tools | CVEEN 2750 | CE EN 170 or CS 142 | ME 142 | CS 1400 or MECH 1200 | CEEN 2750 or ENGR 1040 | CS 1400 or ENGR 1400 | CS 1040 or CS 1400 | CS 1400 | CS 1400 or ENGR 1030 | CS 1400 | | |

Students must complete PHSCS (PH) 121, 123, **and** 220 to satisfy PHYS 2210, 2220, and 2215/2225

There are no courses available for this requirement