Civil and Environmental is a demanding discipline that takes advantage of a broad range of academic knowledge and scientific talent. Students receiving an undergraduate BS degree in another area of engineering or science (mathematics, physics, meteorology, geo-sciences, urban planning…) may apply their talents toward a rewarding career in civil and environmental engineering. Students wishing to pursue a MS in Civil and Environmental Engineering at the University of Utah must have fulfilled the engineering science requirements of a BS degree in civil engineering and the prerequisites for their emphasis area of MS studies. These are outlined below:

**Mathematics**
- MATH 2250 Differential Equations
- Statistics

**Sciences**
- CHEM 1210 Chemistry I
- PHYCS 2210 Physics

**Basic Engineering**
- CVEEN 2010 Statics
- CVEEN 2140 Strength of Materials
- CVEEN 3410 Hydraulics

**Graduate Emphasis Areas**
- Environmental/Water Resources
- Structures/Geotechnical
- Transportation
- Materials

**Required Prerequisite Coursework**
- CVEEN 4410 Hydrology
- CVEEN 3610 Environmental Engineering I
- CVEEN 3210 Structural Analysis
- CVEEN 3310 Geotechnical Engineering I
- CVEEN 4221 Concrete I
- CVEEN 4222 Steel I
- CVEEN 3520 Transportation Engineering
- Materials CVEEN 3510 Civil Eng. Materials

For more information, please contact the Academic Advisor at bonnie.ogden@utah.edu or by phone (801) 581-6678.