

CEMS 050 - CEMS First Year Seminar ¹	1	CS 021 - Computer Programming I (OR)	3
CHEM 031 - General Chemistry I	4	PHYS 031 - Physics for Engineers I	4
ENGR 002 - Graphical Communication	2	PHYS 030 - Prob. Solv. Session I [opt]	[1]
FWIL (ENGS 001/TAP/HCOL 085) ²	3	MATH 022 - Calculus II	4
MATH 021 - Calculus I	4	CE 003 - First Year Design Experience ¹	2
General Education Elective ³	3	CHEM 032 - General Chemistry II	4

CE 010 - Geomatics	4	CE 001 - Statics	3
MATH 121 - Calculus III	4	CE 151 - Water & Wastewater Engr.	3
BIOL 001 - Principles of Biology	4	GEOL 055 - Environmental Geology	4
STAT 143 - Statistics for Engineers	3	MATH 271 - Appl Math for Engr & Sci	3
CE 132 - Environmental Systems	3	MATH 122 - Applied Linear Algebra	3

CE 100 - Mechanics of Materials	3	EE 075 - Electrical Circuits & Sensors	4
CE 133 - Transportation Systems	3	CE 180 - Geotechnical Principles	3
ME 040 - Thermodynamics	3	CE 182 - Geotechnical Principles Lab	2
CE 160 - Hydraulics	3	CE 254 - Environmental Qual. Analysis	4
CE 162 - Hydraulics Lab	2	General Education Elective ³	3
Diversity 1 or 2 ³	3		

CE 185 - Capstone Design I	3	CE 186 - Capstone Design II	3
HydroGeoPhys Design Elective ⁴	3	BioGeoChem Design Elective ⁶	3
Env Engr Elective ⁵	3	Env Engr Elective ⁵	3
Sci/Tech Elective ⁷	3	General Education Elective ³	3
Diversity 1 ³	3		

Minimum Total Credits Required for Degree: 128

1. CEMS 050 & CE 003 are degree requirements designed for first-