

Department of Civil and Environmental Engineering
Civil Engineering Suggested Degree Program Sequence (2012 – 2013 -Revised)

Name: _____ ID _____ Advisor _____

FRESHMAN YEAR

<i>First Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>
ENGL 1123 Freshman Composition I			3	ENGL 1143 Technical Writing			3
MATH 1124 Calculus I			4	Math 2024 Calculus II			4
GNEG 1121 Engr. Appl. Lab II for Math			1	GNEG 2021 Engr. Appl. Lab III for Math			1
ELEG 1043 Computer Appl. In Engineering			3	CHEM 1034 Chemistry for Engineers			4
CVEG 1011 Intro Engr CS Tech			1	CHEM 1021 Inorganic Chem Lab II			1
CVEG 1021 Intro CVEG Lab			1	PHYS 2513 University Physics I			3
COMM 1003 Fund. Of Speech Comm.			3	PHYS 2511 University Physics Lab I			1
Total			16	Total			17

SUMMER SESSIONS

<i>First Semester</i>	<i>Hours</i>	<i>Sem</i>	<i>Gr</i>
*GNEG 2156 Engineering Cooperative Education I	6		
Total	6		

SOPHOMORE YEAR

<i>First Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>
MATH 2043 Differential Equations I			3	MCEG 2013 Thermodynamics I			3
PHYS 2523 University Physics II			3	ELEG 2053 Intro. To Electrical Engineering			3
PHYS 2521 University Physics Lab II			1	CVEG 2053 Engineering Mechanics II			3
POSC 1113 American Government I			3	CVEG 2063 Mechanics of Materials			3
Science Elect (CHEG 2013/Selected Biology)			3	POSC 1123 American Government II			3
CVEG 2043 Engineering Mechanics I			3	CHEG 2003 Eco Anal Tech Appl.			3
CVEG 2001 Emerging Issues in CE			1				
Total			17	Total			18

SUMMER SESSIONS

<i>First Semester</i>	<i>Hours</i>	<i>Sem</i>	<i>Gr</i>
*CVEG 2156 Civil Engineering Internship I	6		
Total	6		

JUNIOR YEAR

<i>First Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>
MATH 3685 Math for Engineers			5	HIST 1323 U.S. 1876 to Present			3
CVEG 3073 Structural Analysis			3	CVEG 3023 Geotechnical Engineering			3
CVEG 3063 Hydraulics			3	CVEG 3083 Steel Design			3
Humanities Elective			3	CVEG 3053 Transportation Engineering			3
HIST 1313 U.S. to 1876			3	CVEG 3043 Environmental Engineering			3
CVEG 3031 Construction Materials Lab			1	GNEG 3051 Professional Engineering			1
Total			18	Total			16

SUMMER SESSIONS

<i>First Semester</i>	<i>Hours</i>	<i>Sem</i>	<i>Gr</i>
*CVEG 2156 Civil Engineering Internship II	6		
Total	6		

SENIOR YEAR

<i>First Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Sem</i>	<i>Gr</i>	<i>Hours</i>
CVEG 4013 Reinforced Concrete			3	CVEG 4063 Water Resources Engr.			3
CVEG 4053 Transportation Engr. Design			3	Visual & Performing Arts Elective			3
CVEG 4043 Environmental Engr. Design			3	CVEG 4483 Sr. Design & Professionalism II			3
CVEG 4473 Sr. Design & Professionalism I			3	Behavioral or Social Science Elective			3
Technical Elective			3	Technical Elective			3
Total			15	Total			15

*Course may be taken for credit during summer internship, but is not required in degree plan.

Total Hours 132