

CIVIL ENGINEERING MAJOR (Effective Fall, 2009)

FRESHMAN YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
CHEM 1001 <sup>b</sup> , General Chemistry 1	4	CHEM 1002 <sup>b</sup> , General Chemistry 2	4
Core Rhetoric 1 <sup>f</sup>	3	Core Rhetoric 2 <sup>f</sup>	3
GEEN 1200, Discovery Learning 1	3	GEEN 1210, Discovery Learning 2	3
MATH 1450 <sup>b</sup> , Calculus 1	4	MATH 1451 <sup>b</sup> , Calculus 2	4
Core Elective (HCS) <sup>c</sup>	<u>3</u>	Core Elective (ISB) <sup>c</sup>	<u>3</u>
	17		17

SOPHOMORE YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
PHYS 1003 <sup>b</sup> , Physics 3	4	PHYSICS 1004 <sup>b</sup> , Physics 4	4
MATH 2450, Calculus 3	4	MATH 2451, Differential Equations	4
GEEN 2951, Engineering Orientation	0	CEEN 2120, Dynamics	3
CEEN 2110, Statics	3	MEEN 2402, Engineering Economy	2
CEEN 2310, Surveying	<u>3</u>	Core Elective (LPA) <sup>c</sup> / Free Elective (DC) <sup>c</sup>	<u>3</u>
	17		16

JUNIOR YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
CEEN 2130, Mechanics of Materials	3	CEEN 3410, Structural Analysis 1	3
CEEN 3150, Fluid Mechanics	3	CEEN 3210, Hydraulic Engineering	3
CEEN 3160, Geotechnical Engineering	3	CEEN 3320, Engineering Materials	3
CEEN 3510, Environmental Engineering	3	CEEN 3610, Transportation Engineering	3
PHIL 1001 <sup>b</sup> , Phil. Of Human Nature	3	CEMA 3810, Construction Management	3
Cross-Disciplinary Engineering Elective <sup>1</sup>	<u>3</u>		—
	18		15

SENIOR YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
CEEN 3430, Steel Design 1	3	CEEN 4997, Civil Engineering Design	4
CEEN 3440, Reinforced Concrete Design	3	CEEN Technical Elective	3
THEO 1001 <sup>b</sup> , Introduction to Theology	3	CEEN Technical Elective (Design)	3
CEEN 4710, Engrg. Fund. Review	1	PHIL 2310 <sup>b</sup> , Theory of Ethics	3
CEEN Technical Elective	3	Theology Elective <sup>e</sup>	3
CEEN Technical Elective (Design)	<u>3</u>		—
	16		16
		Total Credits	132

<sup>a</sup> For footnotes b, c, d, e f refer to the College of Engineering section of the Undergraduate bulletin for details related to these footnotes.

<sup>1</sup> Either ELEN 3001 or MEEN 3310