

ENVIRONMENTAL ENGINEERING MAJOR (Effective Fall, 2009)

FRESHMAN YEAR

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

SOPHOMORE YEAR

<u>FIRST SEMESTER</u>	<u>^a CREDITS</u>	<u>SECOND SEMESTER</u>	<u>^a CREDITS</u>
PHYS 1003 ^b , Physics 3	4	PHYS 1004 ^b , 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	3	Core Elective (LPA) ^c /Free Elective ^d	3
Core Elective (DC) ^c	<u>3</u>		—
	17		16

JUNIOR YEAR

<u>FIRST SEMESTER</u>	<u>^a CREDITS</u>	<u>SECOND SEMESTER</u>	<u>^a 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
Biological Science Elective ²	3	CEMA 3810, Construction Management	3
MEEN 3310, Engrg. Thermodynamics	<u>3</u>		—
	18		15

SENIOR YEAR

<u>FIRST SEMESTER</u>	<u>^a CREDITS</u>	<u>SECOND SEMESTER</u>	<u>^a CREDITS</u>
Structural Design Elective ³	3	CEEN 4997, Civil Engineering Design	4
CEEN 4515, Environmental Chemistry	3	Env. Engrg. Tech. Elective	3
PHIL 1001 ^b , Phil. Of Human Nature	3	Env. Engrg. Tech. Elective (Design)	3
CEEN 4953 ¹ , Environmental Seminar	0	PHIL 2310, Theory of Ethics	3
CEEN 4710, Engrg. Fund. Review	1	Theology Elective ^e	3
Env. Engrg. Tech. Elective (Design)	3		—
THEO 1001 ^b , Introduction to Theology	<u>3</u>		—
	16		16
		Total Credits	132

^a For footnotes b, c, d, e, f refer to the College of Engineering section of the Undergraduate Bulletin for details related to these footnotes. ¹ Participation in CEEN 4953, Environmental Seminar, is required during either the first or second term of the senior year. ² Either BIOL 1001, BIOL 2401 or CEEN 4535 ³ Either CEEN 3430 or CEEN 3440