



BACHELOR OF SCIENCE IN CIVIL ENGINEERING-Pre-Law Track (2010)

Freshman Year		
First Semester		Hours
EN 101	English Composition I	3
ENGR 111	Engineering the Future	1
ENGR 131	Engineering Concepts & Design I	1
ENGR 151	Fundamentals of Engineering Graphics	1
MATH 125	Calculus I	4
Elective	Approved Natural Science Elective	4
CE 121	Intro to Civil, Construction & Environmental Engineering	<u>1</u>
		Semester total 15
Second Semester		
EN 102	English Composition II	3
ENGR 141	Engineering Concepts & Design II	1
ENGR 171	Large-Scale Engineering Graphics	1
MATH 126	Calculus II	4
PH 105	General Physics I with Calculus	4
Elective	Approved History / Social Behavior elective	<u>3</u>
		Semester total 16
Sophomore Year		
First Semester		
AEM 201	Statics	3
CE 260	Civil & Construction Engineering Surveying	2
MATH 227	Calculus III	4
CH 101	General Chemistry I	4
Elective	Approved Humanities / Literature / Fine Arts elective	<u>3</u>
		Semester total 16
Second Semester		
CE 262	Civil & Construction Engineering Materials	3
AEM 250	Mechanics of Materials I	3
AEM 264	Dynamics	3
MATH 238	Applied Differential Equations I	3
PH 106	General Physics II with Calculus	
--or--		
CH 102	General Chemistry II	<u>4</u>
		Semester total 16

Junior Year		
First Semester		
CE 340	Geotechnical Engineering	4
CE 331	Intro to Structural Engineering	3
CE 350	Intro to Transportation Engineering	3
AEM 311	Fluid Mechanics	3
Elective	Approved History / Social Behavior elective	<u>3</u>
	Semester total	16
Second Semester		
CE 366	Intro to Construction Engineering	3
CE 378	Water Resources Engineering	3
CE 320	Intro to Environmental Engineering	3
ECE 320	Fundamentals of Electrical Engineering	
--or--		
ME 216	Thermal Engineering Surveying	3
Elective	Approved History / Social Behavior elective	<u>3</u>
	Semester total	15
Senior Year		
First Semester		
3 Electives	Senior Plan of Study Electives	9
GES 255	Engineering Statistics	3
COM 123	Public Speaking	<u>3</u>
	Semester total	15
Second Semester		
CE 401	Civil Engineering Project Site Development	
--or--		
CE 403	Civil Engineering Project Building Design	4
3 Electives	Senior Plan of Study Electives	9
Elective	Approved Humanities / Literature / Fine Arts elective	<u>3</u>
	Semester total	16
	Total Hours =	125