



College of Engineering and Computer Science
BSCE Completion Curriculum for Civil Engineering
2011-2012 Academic Year

Junior Year

First Semester (Fall)			Second Semester (Spring)		
Course		Hrs	Course		Hrs
CENG 2336	Geomatics	3	CENG 3361	App Eng Hydrology & Hydraulic Design w/lab	3
CENG 3310	Fluid Mechanics	3	CENG 3351	Transportation Engineering Systems	3
MATH 3351	Probability & Statistics for Engineers	3	CENG 3371	Intro to Environmental Engineering	3
CENG 4339	CE Construction Management	3	CENG 3325	Structural Analysis	3
CENG 3306	Mechanics of Materials	3	CENG 3336	Soil Mechanics	3
	Additional Science Elective	3			
Semester Credit Hours 18			Semester Credit Hours 15		

Senior Year

First Semester (Fall)			Second Semester (Spring)		
Course		Hrs	Course		Hrs
CENG 4351	Traffic Eng Operations and Control w/lab	3	CENG 4241	Ldership, Business, Public Pol, Asset Mgt	2
CENG 4317	Structural Concrete and Steel Design	4	CENG 4315	Senior Design II	3
CENG 4371	Environmental Engineering Design	3	HIST 1302	United States History II	3
CENG 4115	Senior Design I	1	CENG XXXX	Technical Elective	3
CENG 3434	Civil Engr. Materials, Codes, & Specs	4	PHIL 2306	Introduction to Ethics	3
ENGR 4109	Senior Seminar	1	POLS 2305	American Government	3
Semester Credit Hours 16			Semester Credit Hours 17		

1. Students who have not completed ENGR 2302 Engineering Mechanics—Dynamics will be required to complete that course as part of the curriculum of study and prior to taking any course for which ENGR 2302 is prerequisite.