

Proposed Civil and Environmental Engineering Fast-Track Bachelor's Degree Curriculum

FALL		SPRING			
<u>1st Year</u>					
CHEM 1110	Gen Chem I	4	CHEM 1120	Gen Chem 2	4
ENGL 1010	Writing I	3	ENGL 1020	Writing 2	3
MATH 1910	Calc I	4	MATH 1920	Calc 2	4
Hum/FA	GE Elective	3	Hum/FA	GE Elective	3
ENGR 1210	Intro to Eng.	1	ENGR 1120	Programming ³	2
ENGR 1110	Graphcs	2			
CEE 1020	University Connections	1			
18					16
<u>2nd Year</u>					
MATH 2110	Calc 3	4	MATH 2120	Diff. Equations	3
PHYS 2110	Phys I	3	GEOL 3210	Geol. for Engineers	3
PHYS 2111	Phys 1 Lab	1	ME 2330	Dynamics	3
ENGL 2130/2230/ 2330	Literature course	3	SPCH 2410 or PC 2500	Public Speaking or Communications	3
CEE 2110	Engineering Mechanics	3	CEE 3110	Mech. Of Materials	3
SOC. SCIENCE	GE Elective	3	SOC. SCIENCE	GE Elective	3
17					18
<u>3rd Year</u>					
MATH 2010, 3810, 4510, or 4710	Math Elective	2	ISE 3210	Engr. Statistics	2
			CEE 3420	Hydraulics	3
CEE 3410	Water Supply & Poll. Cont.	4	CEE 3030	Civil Eng. Mtls.	3
CEE 3320	Structural Mech.	3	CEE 4310	Steel Design	3
CEE 3020	Surveying	3	CEE 3610	Trans. Engr.	3
ME 3720	Fluid Mech.	3	ECE 3810 or ME 3210 or ChE 3010		3
15					17
<u>4th Year</u>					
CEE 3040 or 3120	Lab	1	CEE 4920	Professionalism	1
CEE 4320	Concrete Design	3	CEE 4940	FE Review	0
CEE 4800	Geotech I	3	CEE 4950	Senior Design	3
ISE 3110 or 3100	Engr. Econ	2	CEE 4XXX	CEE Elective	3
CEE Graduate Course	CEE Elective	3	CEE Graduate Course	CEE Elective	3
CEE 4XXX	CEE Sequence	3	CEE 4XXX	CEE Sequence	3
15					13