

CIVIL ENGINEERING

RECOMMENDED PROGRAM OF STUDY 2017-2018 UNDERGRADUATE CATALOG

Updated: 2/23/17

SEMESTER I				SEMESTER II			
CE	1301	Intro to CE	1	EGR	1403	Technical Communication	3
CS	1173	Data Analysis and Visual Matlab(core*)	3	MAT	1224	Calculus II	4
CHE	1103	General Chemistry	3	PHY	1943	Physics for Sci. & Engineers I	3
MAT	1214	Calculus I	4	PHY	1951	Physics for Sci. & Engineers I Lab	1
WRC	1013	Freshman Composition I	3	WRC	1023	Freshman Composition II	3
AI5	1203	Academic Inquiry(core*)	3	CE	2103	CE Measurements	3
Semester Total			17	Semester Total			17
SEMESTER III				SEMESTER IV			
EGR	2103	Statics	3	STA	2303	Applied Probability/Statistics of Engr.	3
EGR	2323	Applied Engineering Analysis I	3	CE	3103	Mechanics of Solids	3
PHY	1963	Physics for Sci. & Engineers II	3	CE	2313	Computer Aided Design in CE	3
PHY	1971	Physics for Sci. & Engineers II Lab	1	EGR	2513	Dynamics	3
CE	2633	Environmental Engineering	3	Science		GEO, ES, BIO course	3
CORE*		American History	3	CORE*		Economics (2013, 2023)	3
Semester Total			16	Semester Total			18
SEMESTER V				SEMESTER VI			
CE	3113	Structural Analysis	3	CE	3213	Reinforced Concrete Design	3
CE	3173	Numerical Analysis	3	CE	3413	Geotechnical Engr & Appl	3
CE	3243	Prop/Behavior of Engr Mat'ls	3	EGR	3713	EGR Economic Analysis	3
CE	3603	Fluid Mechanics	3	CE	3223	Highway Engineering	3
CE	3233	Steel Design	3	CORE*	1013	Government/ Political Science (Texas)	3
Semester Total			15	Semester Total			15
SEMESTER VII				SEMESTER VIII			
CE	4543	Proj. Design, Const. Man. & FE Review	3	CE	4813	CE Engineering Design	3
CE	4463	Foundation Engineering	3	CE		Technical Elective	3
CE	4603	Water Resources Engineering	3	CE	4633	Water & Wastewater Treatment	3
CORE*		Government/Political Science	3	CORE*		Lang., Philosophy & Culture	3
CORE*		American History	3	CORE*		Creative Arts	3
Semester Total			15	Semester Total			15
Total Required Degree Hours							128

GRADUATION REQUIREMENTS

Q Course Requirement: _____

ALL UNDERGRADUATE STUDENTS WILL BE REQUIRED TO SEE AN ADVISOR WHEN YOU HAVE REACHED
45 AND 90 HOUR