

UTSA Engineering

CIVIL ENGINEERING RECOMMENDED PROGRAM OF STUDY 2018-2020 UNDERGRADUATE CATALOG

Updated: 2/19/18

SEMESTER I				SEMESTER II				
AIS	1203	Academic Inquiry(core*)	3	CE	2103	CE Measurements	3	
CE	1301	Intro to CE	1	EGR	1403	Technical Communication	3	
CHE	1103	General Chemistry	3	MAT	1224	Calculus II	4	
CS	1173	Data Analysis and Visual Matlab(core*)	3	PHY	1943	Physics for Sci. & Engr I	3	
MAT	1214	Calculus I	4	PHY	1951	Physics for Sci. & Engr I Lab	1	
CORE*WRC	1013	Freshman Composition I	3	CORE*WRC	1023	Freshman Composition II	3	
Semester Total			17	Semester Total			17	
SEMESTER III				SEMESTER IV				
CE	2633	Environmental Engineering	3	CE	2313	Computer Aided Design in CE	3	
EGR	2103	Statics	3	CE	3103	Mechanics of Solids	3	
EGR	2323	Applied Engr Analysis I	3	EGR	2513	Dynamics	3	
PHY	1963	Physics for Sci. & Engr II	3	CORE*ECO	2023	Intro Macroeconomics	3	
PHY	1971	Physics for Sci. & Engr II Lab	1	STA	2303	Applied Probability/Statistics for Engr.	3	
CORE*HIS		American History Core	3	Science		GEO, ES, BIO course	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	3223	Highway Engineering	3	
CE	3233	Steel Design	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	CORE*POL	1013	Intro to Political Science Core	3	
			3					
Semester Total			15	Semester Total			15	
SEMESTER VII				SEMESTER VIII				
CE	4463	Foundation Engineering	3	CE	4633	Water & Wastewater Treatment	3	
CE	4543	Proj. Design, Const. Man. & FE Review	3	CE	4813	CE Engineering Design	3	
CE	4603	Water Resources Engineering	3	CE		Technical Elective	3	
CORE*POL	1133	Texas Politics & Society Core	3	CORE		Creative Arts Core	3	
CORE*HIS		American History Core	3	CORE*		Lang., Philosophy & Culture Core	3	
Semester Total			15	Semester Total			15	
							Total Required Degree Hours	128

GRADUATION REQUIREMENTS

FE Exam: _____

Q Course Requirement: _____