

**UTSA**  
**CIVIL ENGINEERING**  
**RECOMMENDED PROGRAM OF STUDY**  
**Drafted 2015-2016 UNDERGRADUATE CATALOG**  
Updated: 4/13/15

<b>SEMESTER I</b>				<b>SEMESTER II</b>			
CE	1301	Intro to CE	1	CE	2103	CE Measurements	3
EGR	1403	Technical Communication	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
AIS	1203	Academic Inquiry(core*)	3	CS	1173	Data Analysis and Visual Matlab(core*)	3
Semester Total			17	Semester Total			17
<b>SEMESTER III</b>				<b>SEMESTER IV</b>			
EGR	2103	Statics	3	CE	2633	Environmental Engineering	3
EGR	2323	Applied Engineering Analysis I	3	CE	3103	Mechanics of Solids	3
PHY	1963	Physics for Sci. & Engineers II	3	CE	3173	Numerical Analysis	3
PHY	1971	Physics for Sci. & Engineers II Lab	1	EGR	2513	Dynamics	3
STA	2303	Applied Probability/Statistics of Engr.	3	<b>CORE*</b>		Economics (2013, 2023)	3
<b>CORE*</b>		American History	3	<b>CORE*</b>		Lang., Philosophy & Culture	3
Semester Total			16	Semester Total			18
<b>SEMESTER V</b>				<b>SEMESTER VI</b>			
CE	3113	Structural Analysis	3	CE	3213	Reinforced Concrete Design	3
CE	3233	Steel Design	3	CE	3413	Geotechnical Engr & Appl	3
CE	3243	Prop/Behavior of Engr Mat'ls	3	CE	4633	Water & Wastewater Treatment	3
CE	3603	Fluid Mechanics	3	GEO	4023	Engineering Geology	3
EGR	3713	EGR Economic Analysis	3	<b>CORE*</b>	1013	Government/ Political Science (Texas)	3
<b>CORE*</b>		American History	3				
Semester Total			18	Semester Total			15
<b>SEMESTER VII</b>				<b>SEMESTER VIII</b>			
CE	4543	Proj. Design and Const. Management	3	CE	4813	CE Engineering Design	3
CE	4123	Highway Engineering	3	CE		Technical Elective	3
CE	4313	Computer Aided Design in CE	3	CE		Technical Elective	3
CE	4603	Water Resources Engineering	3	<b>CORE*</b>		Creative Arts	3
<b>CORE*</b>		Government/Political Science	3				
Semester Total			15	Semester Total			12
						<b>Total Required Degree Hours</b>	<b>128</b>

**GRADUATION REQUIREMENTS**

FE Exam: \_\_\_\_\_

Q Course Requirement: \_\_\_\_\_

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

**DEADLINE TO APPLY FOR GRADUATION:**

**Fall Graduation: April 15**

**Spring Graduation: November 15**

**Summer Graduation: February 15**