



COLLEGE OF ENGINEERING
 Bachelor of Science, Civil Engineering
 Four-Year Academic Map 2017-2018

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ENGI 1100	Introduction to Engineering	1	CHEM 1332	Fundamentals of Chemistry II*	3	
	CHEM 1331	Fundamentals of Chemistry*	3	CHEM 1112	Fundamentals of Chemistry II Lab	1	
	CHEM 1111	Fundamentals of Chemistry Lab	1	ENGI 1331	Computing for Engineers	3	
	ENGL 1303	First Year Writing I*	3	ENGL 1304	First Year Writing II*	3	
	MATH 1431	Calculus I*	4	MATH 1432	Calculus II*	4	
	POLS 1336	US & TX Constitutions & Politics*	3	PHYS 1321	University Physics I	3	
	Semester Hours		15	Semester Hours		17	32

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	GEOL 1330 OR	Physical Geology	3	CIVE 2332	Mechanics of Solids	3	
	BIOL 1361	Intro to Biological Science		MECE 3336	Mechanics II (Dynamics)	3	
	CIVE 2330	Mechanics I (Statics)	3	INDE 2333	Engineering Statistics I	3	
	MATH 2433	Calculus III	4	ENGI 2304	Technical Communications	3	
	MECT 3341	Computer Aided Drafting I	3	MATH 3321	Engineering Mathematics	3	
	PHYS 1322	University Physics II	3	CORE	Social & Behavioral Sciences	3	
	Semester Hours		16	Semester Hours		18	34

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	CIVE 3331	Environmental Engineering	3	CIVE 3434	Fluid Mechanics & Hydraulic Engr	4	
	CIVE 3332	Engineering Materials	3	CIVE 4363	Concrete Design	3	
	CIVE 3337	Structural Analysis	3	CIVE 4369	Foundation Engineering	3	
	CIVE 3339	Geotechnical Engineering	3	CIVE ELEC	Civil Engineering Elective	3	
	MECE 2334	Thermodynamics	3	CIVE ELEC	Civil Engineering Elective	3	
	POLS 1337	U.S. Government*	3				
	Semester Hours		18	Semester Hours		16	34

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	CIVE 4311	Professional Practice in Civil Engr	3	CIVE 4312	Civil Engineering Design Project	3	
	CIVE 4332	Hydrology	3	CIVE ELEC	Civil Engineering Elective	3	
	CIVE 4333	Water & Wastewater Treatment	3	CIVE ELEC	Civil Engineering Elective	3	
	HIST 1376/77	The United States to 1877*	3	HIST 1378/79	The United States Since 1877*	3	
	CORE	Language, Philosophy & Culture*	3	CORE	Creative Arts*	3	
	Semester Hours		15	Semester Hours		15	30
							130

*State of Texas Core Curriculum
 Students should meet with their academic advisor to formulate their own plan.