

# Texas A&M University-Kingsville®

## College of Engineering

### Bachelor of Science, Environmental Engineering

#### Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall		Semester 2 Spring			
	CHEM 1311 & CHEM 1111 - Gen Inorganic Chem I & Lab I		AEEN 1310 or MEEN 1310 - Comp Graphics & App or Engin Graphics I			
	ENGL 1301 - Rhetoric and Composition		ENGL 1302 - Rhetoric and Composition			
	HIST 1301 - American History to 1877		MATH 2414 - Calculus II			
	MATH 2413 - Calculus I		PHYS 2325 & PHYS 2125 - University Physics I & University Physics I Lab			
	UNIV 1201 - Learning in Global Context		Language, Philosophy and Culture			
	Semester Hours	16	Semester Hours	17	Total	33

YEAR 2	Semester 1 Fall		Semester 2 Spring			
	CHEM 1312 & CHEM 1112 - Gen Inorganic Chemistry II and Lab II		BIOL 1306 - General Biology I			
	EVEN 2310 - Intro to Environmental Engineering		EVEN 2304 - Computer Methods for EVEN			
	HIST 1302 - American History since 1877		EVEN 2311 - Environmental, Engineering Ethics & Policy			
	MEEN 2355 - Statics and Dynamics		MATH 3320 - Differential Equations			
	POLS 2301 - Government and Politics of US		PHYS 2326 & PHYS 2126 - University Physics II & University Physics II Lab			
	Semester Hours	16	Semester Hours	16	Total	32

YEAR 3	Semester 1 Fall		Semester 2 Spring			
	CHEM 3323 & CHEM 3123 - Organic Chemistry I and Lab I		CEEN 3317 - Engineering Economy			
	EVEN 3320 - Chemical Principles for EVEN		CEEN 3392 - Hydraulic and Fluid Mechanics			
	EVEN 3321 - Environmental Engineering Lab		EVEN 2372 or Social and Behavioral Sciences			
	POLS 2302 - Government and Politics of TX		EVEN 3328 - Environmental Engineering Process Fundamentals			
	Communications		MEEN 3347 or CHEN 3347 - Thermodynamics or Chem Eng Thermodynamic			
		Engineering Elective				
	Semester Hours	16	Semester Hours	18	Total	34

YEAR 4	Semester 1 Fall		Semester 2 Spring			
	EVEN 4102 - Environmental Engineering Design I		EVEN 4301 - Water and Wastewater Treatment			
	EVEN 4105 - Engineering Management		EVEN 4303 - Environ Engr Design II			
	EVEN 4306 - Solid & Hazard Waste Fundamentals		EVEN 4304 - Water Res. & Adv. Comp. Meth.			
	EVEN 4386 - Air Pollution Control		GEOL 4425 or PLSS 3410 - Hydrogeology or Principles of Soil Science			
	STAT 4303 - Statistical Methods		Engineering Elective			
Creative arts						
	Semester Hours	14	Semester Hours	16	Total	31

\*State of Texas Core Curriculum

Students should meet with their academic advisor to formulate their own plan.

