

Texas A&M University-Kingsville®

College of Engineering

Bachelor of Science, Architectural Engineering

Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall	Semester 2 Spring			
	AEEN 1310 - Computer Graphics and Application	AEEN 2325 - Intro to Development in Archit			
	ENGL 1301 - Rhetoric and Composition	CEEN 2301 - Mechanics I			
	MATH 2413 - Calculus I	ENGL 1302 - Rhetoric and Composition			
	PHYS 2325 & PHYS 2125 - Univ Physics I & Univ Physics I Lab	MATH 2414 - Calculus II			
	UNIV 1201 - Learning in Global Context	PHYS 2326 & PHYS 2126 - Univ Physics II and University Physics II Lab			
Semester Hours	16	Semester Hours	17	Total	33

YEAR 2	Semester 1 Fall	Semester 2 Spring			
	AEEN 3316 - Architectural Design	AEEN 3303 - Structural Analysis			
	AEEN 3346 - Thermal Analysis	HIST 1302 - American History since 1877			
	CEEN 3311 - Strength of Materials	MATH 3320 - Differential Equations			
	EEEN 3331 - Circuits and Electmag Devices	POLS 2301 - Government and Politics of US			
	HIST 1301 - American History to 1877	Creative Arts			
		Lang/Phil/Culture			
Semester Hours	15	Semester Hours	18	Total	33

YEAR 3	Semester 1 Fall	Semester 2 Spring			
	AEEN 3335 - Environmental Sys for Buildings	AEEN 3304 - Reinforced Concrete Design			
	AEEN 3337 - Electrical Systems-Buildings	AEEN 4320 - Building Services Engineering			
	CEEN 3143 - Geotechnical Eng Lab	POLS 2302 - Government and Politics of TX			
	CEEN 3342 - Geotechnical Engineering	Mathematics Elective			
	CEEN 3392 - Hydraulic and Fluid Mechanics	Communications			
CHEM 1311 & CHEM 1111 - Gen Inorg Chemistry I & Chem Lab I					
Semester Hours	17	Semester Hours	15	Total	32

YEAR 4	Semester 1 Fall	Semester 2 Spring			
	AEEN 4279 - Senior Design Project I	AEEN 4289 - Senior Design Project II (WI)			
	AEEN 4326 - Construction Engineering	CEEN 3244 - Construction Materials			
	CEEN 3317 - Engineering Economy	CEEN 3145 - Construction Materials Lab			
	Social/Behavioral	STAT 4303 - Statistical Methods			
	Engineering Elective	Engineering Elective			
Engineering Elective	Science Elective				
Semester Hours	17	Semester Hours	14	Total	31

*State of Texas Core Curriculum

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

