

Texas A&M University-Kingsville[®]

College of Engineering

Bachelor of Science, Computer Science

Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall		Semester 2 Spring			
	CHEM 1311 & CHEM 1111 - Gen Inorg Chem I & Gen Chem Lab I		CSEN 2306 - Object-Oriented Programming			
	CSEN 2304 - Introduction to Computer Science		ENGL 1302 - Rhetoric and Composition			
	ENGL 1301 - Rhetoric and Composition		HIST 1301 - American History to 1877			
	MATH 2413 - Calculus I		MATH 2414 - Calculus II			
	UNIV 1201 - Learning in Global Context					
	Semester Hours	16	Semester Hours	13	Total	29
YEAR 2	Semester 1 Fall		Semester 2 Spring			
	CSEN 2310 - Objt Oriented Software Enginrg		CSEN 2328 - Data Structures & Algorithms			
	HIST 1302 - American History since 1877		PHYS 2326 & PHYS 2126 - University Physics II & University Physics II Lab			
	MATH 3320 - Differential Equations		POLS 2302 - Government and Politics of TX			
	PHYS 2325 & PHYS 2125 - Univ Physics I & Univ Physics I Lab		Creative arts			
	POLS 2301 - Government and Politics of US		Lang/Phil/Culture			
	Semester Hours	16	Semester Hours	16	Total	32
YEAR 3	Semester 1 Fall		Semester 2 Spring			
	CSEN 3315 - Computer Graphics		CSEN 3314 - Database Systems			
	EEEN 2340 - Digital Logic Design		CSEN 3316 - Software Engineering I			
	STAT 1342 - Elementary Statistics		EEEN 3449 - Microprocessor Systems			
	Communications		MATH 3370 - Discrete Mathematics			
	Social/Behavioral		POLS 4324 - Technology and Society (WI)			
	Semester Hours	15	Semester Hours	16	Total	31
YEAR 4	Semester 1 Fall		Semester 2 Spring			
	CSEN 4201 - Software Engineering Project		CSEN 4202 - Software Engineering Proj (WI)			
	CSEN 4317 - Software Engineering II		CSEN 4340 - Computer Security			
	CSEN 4320 - Computer Networks		CSEN 4362 - Operating Systems			
	EEEN 4344 - Computer Architecture and Design		CSEN 4366 - Programming Languages			
	Approved Elective		Approved Elective			
	Semester Hours	14	Semester Hours	14	Total	28

*State of Texas Core Curriculum

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