

		!	H	A	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL	3			ENGL 1301	Rhetoric and Composition I		010	Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301.		
		3			MATH 1314	College Algebra			College Ready TSI status in Mathematics.		
		3			HIST 1301	U.S. History I		060			
		3			X3XX	Computer Related Coursework				See AAS Degree	
		3			X3XX	Computer Related Coursework				See AAS Degree	
	3			X3XX	Computer Related Coursework				See AAS Degree		
	<b>18 (0) Semester</b>										
	SPRING	3			ENGL 1302	Rhetoric And Composition II		010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.		
		4			MATH 2412	Precalculus			MATH 1314 or MATH 1414 with a grade of 'C' or better; or passing the College Algebra Exemption Test administered by the Department of Mathematics.		
		3			HIST 1302			060			
3				X3XX	Computer Related Coursework				See AAS Degree		
3				X3XX	Computer Related Coursework				See AAS Degree		
2			X2XX	Computer Related Coursework				See AAS Degree			
<b>18 (0) Semester</b>											
SECOND YEAR	FALL	3			X3XX	Life and Physical Science		030		See General Education Core for course options.	
		1			X1XX	Integrative and Experiential Learning		090		See General Education Core for course options. Select Science Lab; Section 1	
		3			X3XX	Creative Arts		050		See General Education Core for course options.	
		3			X3XX	Computer Related Coursework				See AAS Degree	
		3			X3XX	Computer Related Coursework				See AAS Degree	
	3			POLS 2301	U.S. & Texas Government & Politics I		070				
	<b>16 (0) Semester</b>										
	SPRING	3			X3XX	Life and Physical Science		030		See General Education Core for course options.	
		1			X1XX	Integrative and Experiential Learning		090		See General Education Core for course options. Select Science Lab; Section 1	
		3			X3XX	Computer Related Coursework				See AAS Degree	
3				X3XX	Computer Related Coursework				See AAS Degree		
3				POLS 2302	U.S. & Texas Government & Politics II		070				
<b>13 (0) Semester Total Hours</b>											
<p><b>Students must fulfill the General Education Core requirements (42 Hours) An Associated of Applied Science (AAS) Degree in Computer Related Field is Required (32 Hours). Minimum GPA of 2.5 required. AAS Degree must have at least 30 SCH of computer-related coursework. See admissions requirements for additional information.</b></p>											

		!	H	A	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL		4		MATH 2413	Calculus I		020	MATH 2412 with a grade of 'C' or better; or passing the		
			3		CSCI 1380	Computer Science I		090	Concurrent enrollment or credit for MATH 1314 or higher		
			3		X3XX	Language, Philosophy & Culture		040		See General Education Core for course options.	
			3		X1XX -	Integrative and Experiential Learning		090		See General Education Core for course options.	
			3		X3XX	Social and Behavioral Science		080		See General Education Core for course options.	
		<b>13 (0) Semester</b>									
	SPRING		3			CSCI 2380	Computer Science II			CSCI 1370 (or CSCI 1378) or CMPE 1370 (or CMPE 1378)	
			3 (3)			CSCI 3310	Discrete Data Structures			MATH 2413 with grade of 'C' or better; and CSCI/CMPE	
			3 (3)			CSCI 3326	Object Oriented Programming in JAVA			CSCI 1380 (or CSCI 1387) or CSCI 1370 (or CSCI 1378) or	
			3 (3)			CSCI 3300 or 4300	Internship in Computer Science			Junior standing, minimum 12 hours of Computer Science (CSCI) completed and approved by both the department.	
		3 (3)			MATH 3331	Applied Statistics			MATH 2413 (or MATH 2487) with a grade of 'C' or better.		
	<b>15 (12) Semester</b>										
FOURTH YEAR	FALL		3 (3)		CSCI 3340	Software Engineering I			CSCI 2380 (or CSCI 2388) or CMPE 2380 (CMPE 2388),		
			3 (3)		CSCI 33XX or 43XX	Upper Level Elective					
			3 (3)		CSCI 33XX or 43XX	Upper Level Elective					
			3 (3)		CSCI 33XX or 43XX	Upper Level Elective					
			3 (3)		CSCI 33XX or 43XX	Upper Level Elective					
		<b>15 (15) Semester</b>									
	SPRING		3 (3)			CSCI 4390	Senior Project			CSCI 3340 or CMPE 3340 and consent of instructor.	
			3 (3)			CSCI 33XX or 43XX	Upper Level Elective				
			3 (3)			CSCI 33XX or 43XX	Upper Level Elective				
			3 (3)			CSCI 33XX or 43XX	Upper Level Elective				
		3 (3)			CSCI 33XX or 43XX	Upper Level Elective					
	<b>15 (15) Semester</b>										

**Graduation Requirements**

**123 TOTAL**  
**(42) TOTAL**

Approved:  
Revised: Tuesday, April 12, 2016

**Symbols Key**

Critical (!): sequence sensitive course.

Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.

**General Education Core (GEC) Sections:** 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Computer Application; 090 - Interdisciplinary ;090 - Science Labs; 090 - Wellness.

**Language Proficiency Requirement:** Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.