

THIRD YEAR	I		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
	FALL	3	CSCI X3XX	CSCI Additional Computer Science Elective					See degree plan for options.
		3	CSCI 3333	Algorithms and Data Structures	C		Grade of C or better in: Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and [CSCI 2380 or CMPE 2380].		
		3	Choose 1	Free Elective - Any Level					
		3	ENGL 3342	Technical Communication			6 hours of English.		
		3	POLS 2305	U.S. Federal Govt & Politics		070			
	15 Semester Total Hours								
	SPRING	3	CSCI 3340	Software Engineering I	C		Grade of C or better in: [3 advanced hours in CSCI or CMPE] and [CSCI 2380 or CMPE 2380].		
		3	Choose 1	CS Electives - Databases, Networking, Operating Systems and Computer Architecture	C		CSCI 3333 for Databases; CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388 and CSCI 2333 or CMPE 2333 for Networking, Architecture, and OS	Choose from: CSCI 4333 Database Design and Implementation or CSCI 4334 Operating Systems or CSCI 4335 Computer Architecture or CSCI 4345 Computer Networks	
		3	MATH 2318	Linear Algebra			MATH 2413 with a grade of 'C' or better.		
3		POLS 2306	Texas Government & Politics		070				
3		CSCI 3336	Organization of Programming Languages	C		Grade of C or better in: [CSCI 2380 or CMPE 2380] and [CSCI 3326 or CMPE 3326 or CSCI 3327 or CMPE 3327 or CSCI 3328 or CMPE 3328 or CSCI 3329].			
15 Semester Total Hours									
FOURTH YEAR	I		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
	FALL	3	Choose 1	CS Electives - Databases, Networking, Operating Systems, and Computer Architecture	C			CSCI 3333 for Databases; CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388 and CSCI 2333 or CMPE 2333 for Networking, Architecture, and OS	Choose from: CSCI 4333 Database Design and Implementation or CSCI 4334 Operating Systems or CSCI 4335 Computer Architecture or CSCI 4345 Computer Networks
		3	CSCI 4325	Automata, Formal Languages, and Computability	C			Grade of C or better in: CSCI 3333 or CMPE 3333.	
		3	CSCI X3XX	CSCI Additional Computer Science Elective					See degree plan for options.
		1	Choose 1	Integrative/Experimental Learning (Core)		090		Choose an additional 1-hour course from this category except PHIL 2326.	
		1	Choose 1	Free Elective - Any Level					
		3	Choose 1	Support Courses - Probability				STAT 3337 OR ELEE 3340 OR STAT 3301	
		3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
	17 Semester Total Hours								
	SPRING	3	CSCI X3XX	CSCI Additional Computer Science Elective					See degree plan for options.
		3	Choose 1	Free Elective - Any Level					
		3	Choose 1	American History (Core)		060		HIST 1302 OR HIST/MASC 2328	
		3	Choose 1	Social and Behavioral Sciences (Core)		080		See General Education Core for course options.	
		3	CSCI 4390	Senior Project	C		Grade of C or better in CSCI 3340 or CMPE 3340 and consent of instructor		
	15 Semester Total Hours								

Graduation Requirements

All courses in the Computer Science Core must be completed with a grade 'C' or better. All courses in Sections Programming Language and Databases, Architecture, Networking, and Operating Systems must be completed with a grade of 'C' or better.

CORE: The 2020-2021 list of core courses can be found in the 2020-2021 Undergraduate Catalog: www.utrgv.edu/catalog > See 'Core Curriculum'

Symbols Key

Critical ('I'): 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 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary ; 090 - Technologies; 090 - Language Diversity & Writing.

124 TOTAL HOURS (42 advanced minimum credit hours)