

		I	H	Course #	Course Title	Min. Grade	GEC Prerequisite	Additional Notes
FIRST YEAR	FALL	3		ENGL 1301	Rhetoric and Composition I	C	010 For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	
		4		MATH 2412	Precalculus	C	020 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.	
		1		CSCI 1101	Introduction to Computer Science			Must take with CSCI 1370 and CSCI 1170
		3		CSCI 1370	Computer Science I for Majors	C	Grade of 'C' or better in any of the following: MATH 1314, MATH 1414 or placement in a higher level Math course (MATH 2412, MATH 2413) and credit for or concurrent enrollment in CSCI 1101 or CMPE 1101. Co-requisite: CSCI 1170.	Must take with CSCI 1101
		1		CSCI 1170	Computer Science I Laboratory for Majors	C	Co-requisites: CSCI 1370.	Must take with CSCI 1101
		3		CRIJ 1301	Introduction to Criminal Justice			
					UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design		
15 Semester Total Hours								
FIRST YEAR	SPRING	3		ENGL 1302	Rhetoric and Composition II	C	010 For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	
		3		CSCI 2322	Foundations of Systems	C	C or better in: [CSCI 1170, CSCI 1370 and MATH 2412].	
		3		Choose 1	American History (Core)		060	HIST 1301 OR HIST/MASC 2327
		3		CSCI 2380	Computer Science II	C	Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170].	
		4		Choose 1	Life and Physical Sciences		030	PHYS 1401 recommended(prerequisite MATH 1314). See degree plan for course options. (lab credit hours taken are applied towards 090 category)
16 Semester Total Hours								
		I	H	Course #	Course Title	Min. Grade	GEC Prerequisite	Additional Notes
SECOND YEAR	FALL	3		COMM 1315	Public Speaking		090	
		4		Choose 1	Life and Physical Sciences		030	PHYS 1402 recommended(prerequisite PHYS 1401). See degree plan for course options. (lab credit hours taken are applied towards 090 category)
		3		CSCI 2344	Programming in Unix/ Linux Environment	C	Grade of C or better in: [CSCI 1370 or CSCI 1378 or CMPE 1370 or CMPE 1378] and [CSCI 1170 or CSCI 1178 or CMPE 1170 or CMPE 1178].	
		3		BLAW 3337	Business Law I			Junior Standing. Contact business.advising@utrgv.edu for permission to enroll in the course.
		3		Choose 1	Social and Behavioral Sciences(except PHIL)		080	See General Education Core for course options. May choose any listed course under this category except PHIL.
		16 Semester Total Hours						
SECOND YEAR	SPRING	3		CSCI 3345	Operating Systems & Security		C or better in: [CSCI 2344, CSCI 2380, and CSCI 2322 or CSCI 3310].	
		3		STAT 2334	Applied Statistics for Health		MATH 1314, MATH 1414, MATH 1324, or MATH 1342 with a grade of 'C' or better.	
		3		CRIJ 3316	Criminal Evidence & Proof			
		3		COMM 3313	Business and Technical Communication			
		3		CSCI 3340	Software Engineering I			Grade of C or better in: [3 advanced hours in CSCI or CMPE] and [CSCI 2380 or CMPE 2380]. Contact faculty advisor.
15 Semester Total Hours								

	!	H	Course #	Course Title	Min. Grade	GEC Prerequisite	Additional Notes
THIRD YEAR	FALL	3	CSCI 3343	Intrusion Det, Incident Res & Info Assurance		C or better in: [CSCI 2344, CSCI 2380, and CSCI 2322 or CSCI 3310].	
		3	CSCI 3346	Distributed & Cloud Computing Security		C or better in: [CSCI 2344, CSCI 2380, and CSCI 2322 or CSCI 3310].	
		3	CSCI 4345	Computer Networks	C	Grade of C or better in: [CSCI 2380 or CMPE 2380] and [CSCI 2333 or CMPE 2333 or ELEE 3435 or CMPE 3437].	Consent of instructor for Cybersecurity majors - instead of CSCI 2333
		2	X2XX	Free Elective - Any Level			Recommended to combine free electives to take a course under category 090 except PHIL 2326. See General Education Core for course options.
		1	Choose 1	Integrative and Experiential Learning		090	
		3	PHIL 2326	Ethics, Technology & Society		040	
		3	POLS 2305	U.S. Federal Govt & Politics		070	
18 Semester Total Hours							
THIRD YEAR	SPRING	3	CSCI 4347	Wireless and Mobile Security		C or better in: [CSCI 2344, CSCI 2380, and CSCI 2322 or CSCI 3310] and CSCI 4345.	
		3	CSCI or INFS	Prescribed Elective		Check ASSIST for prerequisites.	Recommended CSCI 4333, or, another technical elective (consent of instructor for Cybersecurity majors- instead of CSCI 3333). See degree plan for course options.
		3	CSCI 4318	Cyber Security		Grade of C or better in: CSCI 2380 or CMPE 2380.	
		3	POLS 2306	Texas Government & Politics		070	
		3	CSCI 4365	Computer and Network Security		Grade of C or better in: CSCI 4345 or CMPE 4345.	
15 Semester Total Hours							
	!	H	Course #	Course Title	Min. Grade	GEC Prerequisite	Additional Notes
FOURTH YEAR	FALL	3	Choose 1	American History		060	HIST 1302 OR HIST/MASC 2328
		3	CSCI or INFS	Prescribed Elective		Check ASSIST for prerequisites.	Recommended CSCI 3342, or, another technical elective (consent of instructor for Cybersecurity majors- instead of CSCI 3326/3328/3329). See degree plan for course options.
		3	INFS 3308	Business Information Infrastructure		All students pursuing a Bachelor of Business Administration, Bachelor of Arts in Economics, or Bachelor of Science in Materials Management and Logistics from VCoBE, must apply for and be admitted to VCoBE before they are allowed to enroll in the Advanced Business Core and Major coursework for their degree.	Contact business.advising@utrgv.edu for permission to enroll in the course.
		3	Choose 1	Creative Arts (Core)		050	See General Education Core for course options.
		12 Semester Total Hours					
FOURTH YEAR	SPRING	3	CSCI 4319	Digital Forensics		Grade of C or better in: CSCI 2380 or CMPE 2380.	
		3	X3XX	Free Elective - Any Level			Recommended to take INFS elective. See degree plan for options.
		2	X2XX	Free Elective - Any Level			Recommended to take INFS elective. See degree plan for options.
		1	CSCI 3101	Cyber Security Certification		Junior/Senior standing	
		1	CSCI 3101	Cyber Security Certification		Junior/Senior standing	
3	CSCI or INFS	Prescribed Elective		Check ASSIST for prerequisites.	Recommended CSCI 3341, or, another technical elective. See degree plan for course options.		
13 Semester Total Hours							

CORE: The 2021-2022 list of core courses can be found in the 2021-2022 Undergraduate Catalog: www.utrgv.edu/catalog > See 'Core Curriculum'

Symbols Key	
Critical (!): sequence sensitive course.	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.
Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.	

120 TOTAL HOURS (50 advanced credit hours on degree plan)
(42 advanced minimum credit hours)

Approved: Friday, March 12, 2021
Revised: Monday, March 1, 2021