

Bachelor of Science in Computer Engineering(BSCE) Computer Engineering

2020-2021

General Track

					Min			
		! Н	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	Choose 1	Communication (Core)	С	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details Options: ENGL 1301
		4	MATH 2413	Calculus I (Core)	С	020	MATH 2412 with a grade of 'C' or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.	See General Education Core for more details.
	FALL	1		Introduction to Computer Engineering	С			
	ı.	3	POLS 2305	U.S. Federal Govt & Politics		070		
		3	Choose 1	Integrative and Experiential Learning (Core)		090		Complete three credit hours from the approved core curriculum, except PHIL 2326, in addition to the required labs. See degree plan.
FIRST YEAR			UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design				As required, based on credit hours earned, TSI status, High School rank, major declaration.
뜶		14	Semester Tota					
		3	Choose 1	Communication (Core)	С	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details Options: ENGL 1302 or ENGL 1305.
		4	MATH 2414	Calculus II	С		MATH 2413 with a grade of 'C' or better.	
	SPRING	3	CSCI 1370	Computer Science I for Majors	С		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.	
		1	CSCI 1170	Computer Science I Laboratory for Majors	С		Co-requisites: CSCI 1370	
		4		Physics for Scientists and Engineers I (Core)		030	MATH 2413 and concurrent enrollment in MATH 2414.	1 hour of lab for Core 090. See General Education Core for more details.
		15 Semester Total Hours						
					N Alim			
		! н	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		! н	Course # MATH 2346	Course Title Mathematics for Electrical and Computer Engineers		GEC	Prerequisite CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better.	Additional Notes
				Mathematics for Electrical and Computer	Grade	GEC	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or	
	FALL	3	MATH 2346	Mathematics for Electrical and Computer Engineers	Grade C	GEC	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or	
		3	MATH 2346 CSCI 2380	Mathematics for Electrical and Computer Engineers Computer Science II	Grade C		CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or	
		3 3	MATH 2346 CSCI 2380 Choose 1 Choose 1	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core)	Grade C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or	See General Education Core for course options. See General Education Core for more details.
AR		3 3 3	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core)	C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170].	See General Education Core for course options. See General Education Core for more details.
D YEAR		3 3 3 3 1	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab	C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101.	See General Education Core for course options. See General Education Core for more details.
SECOND YEAR		3 3 3 3 1	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab	C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101.	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327
SECOND YEAR		3 3 3 3 1 16	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130 Semester Total	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab	C C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101. Credit/registration for CMPE/ELEE 2330. Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327
SECOND YEAR	FALL	3 3 3 3 1 16 3	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130 Semester Total CSCI 3333 PHYS 2426 CMPE 2320	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab Il Hours Algorithms and Data Structures Physics for Scientists and Engineers II (Core) Electric Circuits I	C C C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101. Credit/registration for CMPE/ELEE 2330. Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and [CSCI 2380 or CMPE 2380]. PHYS 2425. Grade of 'C' or better in MATH 2414 and CMPE 1101/ELEE 1101 and credit/registration for PHYS 2426.	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 1 hour of lab for Core 090. See General Education Core for more
SECOND YEAR		3 3 3 3 1 16 3	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130 Semester Tota CSCI 3333 PHYS 2426 CMPE 2320 CMPE 2120	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab Il Hours Algorithms and Data Structures Physics for Scientists and Engineers II (Core) Electric Circuits I Electric Circuits I Lab	C C C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101. Credit/registration for CMPE/ELEE 2330. Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and [CSCI 2380 or CMPE 2380]. PHYS 2425. Grade of 'C' or better in MATH 2414 and CMPE 1101/ELEE 1101 and	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 1 hour of lab for Core 090. See General Education Core for more
SECOND YEAR	FALL	3 3 3 3 1 16 3	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130 Semester Tota CSCI 3333 PHYS 2426 CMPE 2320 CMPE 2120	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab Il Hours Algorithms and Data Structures Physics for Scientists and Engineers II (Core) Electric Circuits I	C C C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101. Credit/registration for CMPE/ELEE 2330. Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and [CSCI 2380 or CMPE 2380]. PHYS 2425. Grade of 'C' or better in MATH 2414 and CMPE 1101/ELEE 1101 and credit/registration for PHYS 2426.	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 1 hour of lab for Core 090. See General Education Core for more
SECOND YEAR	FALL	3 3 3 3 1 16 3 4 3	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130 Semester Tota CSCI 3333 PHYS 2426 CMPE 2320 CMPE 2120 POLS 2306	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab Il Hours Algorithms and Data Structures Physics for Scientists and Engineers II (Core) Electric Circuits I Electric Circuits I Lab	C C C C	080	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101. Credit/registration for CMPE/ELEE 2330. Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and [CSCI 2380 or CMPE 2380]. PHYS 2425. Grade of 'C' or better in MATH 2414 and CMPE 1101/ELEE 1101 and credit/registration for PHYS 2426.	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 1 hour of lab for Core 090. See General Education Core for more
SECOND YEAR	FALL	3 3 3 3 1 16 3 4 3 1 1 3 1	MATH 2346 CSCI 2380 Choose 1 Choose 1 CMPE 2330 CMPE 2130 Semester Tota CSCI 3333 PHYS 2426 CMPE 2320 CMPE 2120 POLS 2306 CHEM 1309	Mathematics for Electrical and Computer Engineers Computer Science II Social and Behavioral Sciences (Core) American History (Core) Digital Systems Engineering I Digital Systems Engineering I Lab I Hours Algorithms and Data Structures Physics for Scientists and Engineers II (Core) Electric Circuits I Electric Circuits I Lab Texas Government & Politics Chemistry for Engineers Lab (Core)	C C C C	080 060 030	CSCI 1380 (or CSCI 1387) or CMPE 1170/1370 (or CMPE 1378/1178) with a grade of 'C' or better, and MATH 2413 with a grade of 'C' or better. Grade of C or better in: [CSCI 1370 or CMPE 1370] and [CSCI 1170 or CMPE 1170]. Credit/registration in CMPE 1101, ELEE 1101, or CSCI 1101. Credit/registration for CMPE/ELEE 2330. Grade of C or better in: [CSCI 3310 or MATH 2346 or MATH 2305] and [CSCI 2380 or CMPE 2380]. PHYS 2425. Grade of 'C' or better in MATH 2414 and CMPE 1101/ELEE 1101 and credit/registration for PHYS 2426. Credit/registration for CMPE 2320 or ELEE 2305. MATH 1314, MATH 1414, MATH 2412 or MATH 2413 with a grade of	See General Education Core for course options. See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 1 hour of lab for Core 090. See General Education Core for more details.

			Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	CSCI 3340	Software Engineering I	С		Grade of C or better in: [3 advanced hours in CSCI or CMPE] and [CSCI 2380 or CMPE 2380].	
		3	Choose 1	Microprocessor Systems (CMPE 3437) or Comp. Org. and System (CSCI 2333)	С		For CMPE 3437: CMPE/ELEE 2330; and CMPE/CSCI 1370 (or CMPE/CSCI 1378). For CMPE 2333: 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].	Select either CMPE 3437 (4 hours) or CSCI 2333 (3 hours)
	FALL	3	MATH 3341	Differential Equations	С		MATH 2414 with a grade of 'C' or better	
THIRD YEAR		3	CSCI 3334	Systems Programming	С		Grade of C or better in: [CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388] and [CSCI 2333 or CMPE 2333 or ELEE 3435 or CMPE 3437].	
F		4		Electronics for Computer Engineering	С		[CMPE 2320 or ELEE 2305] and [CMPE 2330 or ELEE 2330] and [ELEE 2105 or CMPE 2120] with a grade of C or better.	
			Semester Tota					
		3		Microcontroller and Embedded Systems Lab	С		CMPE 3437 or ELEE 3435.	
		3		Ethics, Technology, and Society (Core)		040		
	<u> </u>	3	Choose 1	General Concentration	С			See Degree Plan for courses.
	SPRING	3	Choose 1	General Concentration	С			See Degree Plan for courses.
	S	3		Computer Architecture	С		Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388].	
		3		Digital Systems Engineering II	С		Grade of C or better in: CMPE/ELEE 2330 or consent of instructor.	
		18	Semester Tota	l Hours				
					Min			
		! н	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		! н				GEC	Prerequisite MATH 2414 with a grade of 'C' or better.	Additional Notes
		! н	Course # CMPE 3343 or	Course Title	Grade	GEC 060	MATH 2414 with a grade of 'C' or better.	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328.
		! н	Course # CMPE 3343 or STAT 3337	Course Title Probability and Statistics	Grade		MATH 2414 with a grade of 'C' or better.	See General Education Core for more details.
RTH YEAR	FALL	3 3	Course # CMPE 3343 or STAT 3337 Choose 1	Course Title Probability and Statistics American History (Core)	Grade C		MATH 2414 with a grade of 'C' or better.	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2)
FOURTH YEAR		! н 3 3 3	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1	Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373)	C C		MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333]	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2)
FOURTH YEAR		3 3 3 3 3	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1 Semester Tota	Course Title Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373) I Hours	C C C	060	MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388]. [Grade of C or better in: CSCI 3340 or CMPE 3340] and Consent of instructor.	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2) credit and one (3) credit technical elective.
FOURTH YEAR		3 3 3 3 3 15	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1 Semester Tota Choose 1	Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373) I Hours Creative Arts (Core)	C C C		MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388]. [Grade of C or better in: CSCI 3340 or CMPE 3340] and Consent of instructor.	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2) credit and one (3) credit technical elective. See General Education Core for course options.
FOURTH YEAR		3 3 3 3 3	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1 Semester Tota	Course Title Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373) I Hours	C C C	060	MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380 or CMPE 2388]. [Grade of C or better in: CSCI 3340 or CMPE 3340] and Consent of instructor.	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2) credit and one (3) credit technical elective.
FOURTH YEAR	FALL	3 3 3 3 3 15	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1 Semester Tota Choose 1	Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373) I Hours Creative Arts (Core)	C C C	060	MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380]. [Grade of C or better in: CSCI 3340 or CMPE 3340] and Consent of instructor. Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380].	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2) credit and one (3) credit technical elective. See General Education Core for course options. See Degree Plan for courses.
FOURTH YEAR		3 3 3 3 3 15 3	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1 Semester Tota Choose 1 Choose 1	Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373) I Hours Creative Arts (Core) General Concentration	C C C	060	MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380, or CMPE 2388]. [Grade of C or better in: CSCI 3340 or CMPE 3340] and Consent of instructor. Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380].	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2) credit and one (3) credit technical elective. See General Education Core for course options.
FOURTH YEAR	FALL	3 3 3 3 3 15 3 3 3 2	Course # CMPE 3343 or STAT 3337 Choose 1 Choose 1 Choose 1 Choose 1 Semester Tota Choose 1 Choose 1 Choose 1 Choose 1 Choose 1 Choose 1	Probability and Statistics American History (Core) Prescribed Elective Communications Networks (CMPE 4390) or Computer Networks (CSCI 4345) Senior Design I (CMPE 4371 or 4373) I Hours Creative Arts (Core) General Concentration Operating Systems Prescribed Elective Senior Design II (CMPE 4372 or 4374)	C C C C C	060	MATH 2414 with a grade of 'C' or better. For CMPE 4390: CMPE 3437 or ELEE 3435. For CMPE 4345: Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380, or CMPE 2388]. [Grade of C or better in: CSCI 3340 or CMPE 3340] and Consent of instructor. Grade of C or better in: [CSCI 2333 or CMPE 2333] and [CSCI 2380 or CSCI 2388 or CMPE 2380].	See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328. See Degree for course options. 5 hours required - may take one (2) credit and one (3) credit technical elective. See General Education Core for course options. See Degree Plan for courses. See Degree for course options. 5 hours required - may take one (2)

Graduation Requirements

All students must complete a two-semester capstone senior design project, represented by CMPE 4371 and CMPE 4372 or CMPE 4373 and CMPE 4374 in the degree plan. This project must be of substantial scope and complexity, demonstrate competencies from across the curriculum (in particular, the ability to design computer software, electronic hardware and integrate the two in systems) and address the social, economic and ethical consequences of the project. All courses in the major requirements including the concentration 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 ('!'): 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.

126 TOTAL HOURS (42 advanced minimum credit hours)

Approved: Friday, March 27, 2020 Revised: Monday, February 8, 2021