

YEAR TERM		MAJOR				CORE		TOTAL CREDITS	
YEAR 1	FALL	ETCS 105 CAREER DISCOVERY 2		PHYSICS ELECTIVE 3	MATH 161 BASIC APPLIED CALCULUS Pre-Req: Placement Exam or TMAT 155, MATH 136 or MATH 141 3	LIBERAL ARTS ELECTIVE 3	FCWR 101* FOUNDATIONS OF COLLEGE COMPOSITION Pre-Req: Placement Exam or WRIT 100 3	FCIQ 101 FOUNDATIONS OF INQUIRY 3	17
	SPRING	CSCI 125 COMPUTER PROGRAMMING I Co-Req: MATH 136, MATH 141 or higher 3		ITEC 251 APPLIED DISCRETE STRUCTURES I Pre-Req: CSCI 125, and MATH 161 or MATH 170 (Consult faculty advisor for possible sub/CSCI 135) 3	MATH ELECTIVE 3		FCWR 151* FOUNDATIONS OF RESEARCH WRITING Pre-Req: WRIT 101 or FCWR 101 3	FCSC 101 FOUNDATIONS OF SCIENTIFIC PROCESS 3	15
YEAR 2	FALL	CSCI 185 COMPUTER PROGRAMMING II Pre-Req: CSCI 125 3	CSCI 155 COMPUTER ORGANIZATION AND ARCHITECTURE Pre-Req: CSCI 125, CSCI 135 or EENG 125, & MATH 161 or MATH 170 3		IENG 251 PROJECT ENGINEERING Pre-Req: MATH 160 or MATH 161 or MATH 170 3	GENERAL ELECTIVE 3		FCSP 105 FOUNDATIONS OF SPEECH COMMUNICATION 3	15
	SPRING	CSCI 235 ELEMENTS OF DISCRETE STRUCTURES Pre-Req: CSCI 185, and MATH 161 or MATH 170 3	CSCI 260 DATA STRUCTURES Pre-Req: CSCI 180 or CSCI 185 or CSCI 210, and MATH 161 or MATH 170 3	ETCS 108 COMPUTER, INTERNET, AND SOCIETY 3		SCIENCE ELECTIVE 3	FCWR 304 COMMUNICATION FOR TECHNICAL PROFESSIONS Pre-Req: FCWR 151 3		15
YEAR 3	FALL	CSCI 330 OPERATING SYSTEMS Pre-Req: CSCI 260, and CSCI 185 or CSCI 210 3	ITEC 290 DATABASE SYSTEMS Pre-Req: CSCI 260 (Cross-listed with CSCI 300) 3	ITEC 305 INTERNET PROGRAMMING I Pre-Req: CSCI 260 3	ITEC 320 WEB MULTIMED DEVELOPMENT I Pre-Req: CSCI 260; Co-Req: ITEC 305 3		ICLT 3XX** LITERATURE CHOICE 3		15
	SPRING	CSCI 345 COMPUTER NETWORKS Pre-Req: CSCI 330 3	PROFESSIONAL CONCENTRATION*** 3		SCIENCE/ TECHNOLOGY ELECTIVE Consult faculty advisor 3	GENERAL ELECTIVE 3	ICBS 3XX** BEHAVIORAL SCIENCE CHOICE 3		15
YEAR 4	FALL	PROFESSIONAL CONCENTRATION*** 3	ITEC 357 CISCO ACADEMY LEVEL 1 Department Approval 3	MGMT 421 CYBER LAW, POLICY AND ETHICS (MGMT 311 is an approved substitution) 3		GENERAL ELECTIVE 3	ICPH 3XX** PHILOSOPHY CHOICE 3		15
	SPRING	PROFESSIONAL CONCENTRATION*** 3		SCIENCE/ TECHNOLOGY ELECTIVE Consult faculty advisor 3	GENERAL ELECTIVE 3	LIBERAL ARTS ELECTIVE 3	ICSS 309/IENG 400 TECHNOLOGY AND GLOBAL ISSUES Junior/Senior Status 3		15

CREDITS

120 - 122

*Non-native English speakers take FCWR 111 instead of FCWR 101 and FCWR 161 instead of FCWR 151

**Pre-Req: FCWR 101, FCWR 151, FCIQ 101, FCSP 105, FCSC 101

Course names, numbers and/or pre-requisites are subject to change. (REV 5/19)

***PROFESSIONAL CONCENTRATION (COMPLETE 9 CREDITS FROM ONE OF THE FOLLOWING OPTIONS):

INFORMATION AND NETWORK SECURITY OPTION						GENERAL OPTION		
COURSE	CREDITS	PRE-REQUISITES/ CO-REQUISITES	COURSE	CREDITS	PRE-REQUISITES/ CO-REQUISITES	COURSE	CREDITS	PRE-REQUISITES/ CO-REQUISITES
ITEC 310	3	CSCI 345 or CSCI 370	ITEC 445	3	ITEC 385, and CSCI 345 or CSCI 370	CSCI/ITEC ELECTIVE	3	APPROVAL FROM ADVISOR
ITEC 365	3	ITEC 305	ITEC 450	3	APPROVAL OF CHAIRPERSON	CSCI/ITEC ELECTIVE	3	
ITEC 440	3	CSCI 345 or CSCI 370; Co-Req: ITEC 385 or ITEC 310	ITEC 460	3	ITEC 385 or ITEC 310	CSCI/ITEC ELECTIVE	3	