YEAR TERM	MAJOR					GENERAL EDUCATION		TOTAL CREDITS
YEAR 1 — FALL	ETCS 105 **2** CAREER DISCOVERY		**3** PHYSICS ELECTIVE	MATH 161 **3** BASIC APPLIED CALC. Pre-Req: Requires Placement or MATH 136 or MATH 141	**3** LIBERAL ARTS ELECTIVE	FCWR 101/111 **3** FOUNDATIONS OF COLLEGE COMPOSITION Pre-Req: Requires Placement	DATA 101 **3** MAKING SENSE OF A DATA-ORIENTED SOCIETY	17
YEAR 1 — SPRING	CSCI 125 **3** COMPUTER PROGRAMMING I Co-Req: MATH 136 or MATH 141 or higher		ITEC 251 **3** APPLIED DISCRETE STRUCTURES I Pre-Req: CSCI 125, and MATH 161 or MATH 170 **(CSCI 135 is an approved substitution)**	**3** MATH ELECTIVE	**3** SCIENCE ELECTIVE (Any BIOL, CHEM, or PHYS)	FCWR 151/161 **3** FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101/111		15
YEAR 2 — FALL	CSCI 185 **3** COMPUTER PROGRAMMING II Pre-Req: CSCI 125	CSCI 155 **3** COMPUTER ORGANIZATION AND ARCHITECTURE Pre-Req: CSCI 125 and CSCI 135 or EENG 125		IENG 251 **3** PROJECT ENGINEERING Pre-Req: MATH 161 or MATH 170	**3** GENERAL ELECTIVE	FCWR 304 **3** COMMUNICATION FOR TECHNICAL PROFESSIONS Pre-Req: FCWR 151/161		15
YEAR 2 — SPRING	CSCI 235 **3** ELEMENTS OF DISCRETE STRUCTURES Pre-Req: CSCI 185, and MATH 161 or MATH 170	CSCI 260 **3** DATA STRUCTURES Pre-Req: CSCI 185	ETCS 108 **3** COMPUTER, INTERNET, AND SOCIETY		**3** SCIENCE/ TECHNOLOGY ELECTIVE Consult faculty advisor	ICXX 3XX* **3** SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 151/161		15
YEAR 3 — FALL	CSCI 330 **3** OPERATING SYSTEMS Pre-Req: CSCI 260 and CSCI 185	ITEC 290 **3** DATABASE SYSTEMS Pre-Req: CSCI 260 (Cross-listed with CSCI 300)	ITEC 305 **3** INTERNET PROGRAMMING I Pre-Req: CSCI 260	ITEC 320 **3** WEB MULTIMED DEVELOPMENT I Pre-Req: CSCI 260; Co-Req: ITEC 305	**3** SCIENCE/ TECHNOLOGY ELECTIVE Consult faculty advisor			15
YEAR 3 — SPRING	CSCI 345 **3** COMPUTER NETWORKS Pre-Req: CSCI 260	PROFESSIONAL **3** CONCENTRATION***		**3** SCIENCE/ TECHNOLOGY ELECTIVE Consult faculty advisor	**3** GENERAL ELECTIVE	ICXX 3XX* **3** SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 151/161		15
YEAR 4 — FALL	**3** PROFESSIONAL CONCENTRATION***	ITEC 357 **3** CISCO ACADEMY LEVEL 1 Department Approval	MGMT 421 **3** CYBER LAW, POLICY AND ETHICS (MGMT 311 and MGMT 475 are approved substitutions)		**3** GENERAL ELECTIVE	ICXX 3XX* **3** SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 151/161		15
YEAR 4 — SPRING	PROFESSIONAL **3** CONCENTRATION***		SCIENCE/ **3** TECHNOLOGY ELECTIVE Consult faculty advisor	**3** LIBERAL ARTS ELECTIVE	**3** GENERAL ELECTIVE	IENG 400 **3** TECHNOLOGY AND GLOBAL ISSUES Junior or Senior Status		15
CREDITS								**120 - 122**

* Three seminar courses must be chosen from 4 subject areas, ICLT, ICPH, ICBS and ICSS, of which ICLT, ICPH and ICBS may be duplicated. (Rev. 4/24)

Co-Op Option: ETCS 300 (Foundations for Success in CoECS Co-Op) and ETCS 301 (CoECS Co-Op).
Course names, numbers and/or pre-requisites are subject to change.

***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-REQUITES
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 -MUST BE 300 OR 400 LEVEL COURSE
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	ITEC 460	3	ITEC 385	CSCI/ITEC ELECTIVE	3	