YEAR TERM	MAJOR					GENERAL EDUCATION		TOTAL CREDITS
YEAR 1 FALL	**ETCS 105** 2 CAREER DISCOVERY		**PHYSICS ELECTIVE** 3	**MATH 161** 3 BASIC APPLIED CALC. Pre-Req: Requires Placement or MATH 136 or MATH 141	**LIBERAL ARTS ELECTIVE** 3	**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)**	**MATH ELECTIVE** 3	**SCIENCE ELECTIVE (Any BIOL, CHEM, or PHYS)** 3	**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	**GENERAL ELECTIVE** 3	**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		**SCIENCE/ TECHNOLOGY ELECTIVE** 3 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	**SCIENCE/ TECHNOLOGY ELECTIVE** 3 Consult faculty advisor			15
YEAR 3 SPRING	**CSCI 345** 3 COMPUTER NETWORKS Pre-Req: CSCI 260	**PROFESSIONAL CONCENTRATION*** 3		**SCIENCE/ TECHNOLOGY ELECTIVE** 3 Consult faculty advisor	**GENERAL ELECTIVE** 3	**ICXX 3XX*** 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 151/161		15
YEAR 4 FALL	**PROFESSIONAL CONCENTRATION*** 3	**ITEC 357** 3 CISCO ACADEMY LEVEL 1 Department Approval	**MGMT 421** 3 CYBER LAW, POLICY AND ETHICS (MGMT 311 is an approved substitution)		**GENERAL ELECTIVE** 3	**ICXX 3XX*** 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 151/161		15
YEAR 4 SPRING	**PROFESSIONAL CONCENTRATION*** 3		**SCIENCE/ TECHNOLOGY ELECTIVE** 3 Consult faculty advisor	**GENERAL ELECTIVE** 3	**LIBERAL ARTS ELECTIVE** 3	**IENG 400** 3 TECHNOLOGY AND GLOBAL ISSUES Junior or Senior Status		15
CREDITS								**120 - 122**

Of the three required ICXX seminar course options (ICBS, ICLT, ICPH, ICSS), students must take three seminar courses from three different areas of study.

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	

(Rev. 3/23)