

# Department of Computing Security

CSCI 141 Computer Science I	CSEC 101 Fundamentals of Computing Security	Math 181 Project Based Calculus I P-7A	Artistic Perspective P-2	Global Perspective P-3	ACSC 10 Year One
CSCI 142 Computer Science II (C- or better in CSCI 141)	NSSA 241 Intro to Routing and Switching (CSEC 101)	Math 182 Project Based Calculus II P-7B (C- or better in MATH 181)	Math 190 Discrete Math (MATH 181) (Co-req MATH 182)	First Year Writing F-2	Wellness Activity
CSEC 201 Programming for Info Security (CSEC 101, C- or better in CSCI 142)	NSSA 245 Network Services (CSCI 141 & NSSA 241)	MATH 251 Probability & Statistics (MATH 182)	*Lab Science Sequence I*	Social Perspective P-4	CSEC 99 Co-op Seminar
CSEC 202 Reverse Engineering Fundamentals (CSEC 201)	NSSA 221 Systems Administration I (CSCI 141 & NSSA 241)	MATH 241/ MATH 252 Linear Algebra/ Probability & Statistics II (MATH 190/ MATH 251)	*Lab Science Sequence II*	Ethical Perspective P-1	Wellness Activity
CSEC 499 Summer Co-op					
CSCI 462 Introduction to Cryptography (CSEC 202, MATH 190)	CSEC ELECTIVE	ISTE 230 Introduction to Database and Data Modeling (CSCI 142)	FREE ELECTIVE	PUBL 363 Cyber Security Policy & Law	
CSEC 380 Principles of Web Application Security (CSEC 101 & NSSA 245)	CSEC 472 Authentication and Security Models (CSCI 462)	CSEC ELECTIVE	FREE ELECTIVE	IMMERSION I-1	
CSEC 499 Summer Co-op					
CSEC ELECTIVE	CSEC ELECTIVE	FREE ELECTIVE	PHIL 102/ 202/306 Ethics Elective E-4	IMMERSION I-2	
CSEC ELECTIVE	CSEC ELECTIVE	CSEC 490 Capstone in Computing Security (4TH YEAR)	FREE ELECTIVE	IMMERSION I-3	

Key: **Computing**      Science      Prerequisites ( )      \* Lab Science Sequence\*

**Math**      **Free Elective**      F- Gen Ed Foundation      PHYS 211 & 212

**General Education**      **Co-op**      P- Gen Ed Perspective      CHMG 141/145 & 142/146

**First Year Requirement**      **Wellness**      I- Gen Ed Immersion      BIOL 101/103 & 102/104

**Co-op Seminar**           E- Gen Ed Elective      BIOG 101/103 & 102/104

● Individual calculus sequence placement determined by the math placement exam