Department of Computing Security

GCIS 123 Software Development & Problem Solving I	CSEC 140 Principles of Cyberecurity	Math 181 Project Based Calculus I P-7A	Artistic Perspective P-2	Global Perspective P-3	YOPS 10 RIT 365
GCIS 124 Software Development & Problem Solving II (C- or better in GCIS 123)	NSSA 241 Intro to Routing and Switching (CSEC 140)	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 140, C- or better in GCIS 124)	NSSA 221 Systems Administration I (GCIS 123 or NSSA 220 & 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 245 Network Services (NSSA 221)	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 (CSEC 99)					

CSCI 462 Introduction to Cryptography (CSEC 202, MATH 190)	CSEC ELECTIVE	ISTE 230 Introduction to Database and Data Modeling (GCIS 124)	FREE ELECTIVE	PUBL 363 Cyber Security Policy & Law	
CSEC 380 Principles of Web Application Security (CSEC 140 & NSSA 245)	CSEC 472 Authentication & Security Models (CSCI 462)	CSEC ELECTIVE	FREE ELECTIVE	IMMERSION I-1	
CSEC 499 Summer Co-op (CSEC 99)					

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 (2 Co-ops)	FREE ELECTIVE	IMMERSION I-3	

Key:
- Computing
- Math
- General Education
- First Year Requirement
- Co-op Seminar
- Science
- Free Elective
- Co-op
- Wellness

Prerequisites ( )
- F- Gen Ed Foundation
- P- Gen Ed Perspective
- I- Gen Ed Immersion
- E- Gen Ed Elective

* Lab Science Sequence*
- PHYS 211 & 212
- CHMG 141/145 & 142/146
- BIOL 101/103 & 102/104
- BIOG 101/103 & 102/104

● Individual calculus sequence placement determined by the math placement exam