Cybersecurity BS
(Fall 2014 start, Co-op schedule A, begin with CS 115)

FALL		SPRING		SUMMER	
TERM 1		TERM 2		Co-op	
MA 121 followed by MA 122	Differential Calculus Integral Calculus	MA 123 followed by MA 124	Series, Vectors, Functions, and Surfaces Calculus of Two Variables		
CS 115	Intro Computer Science	CS 284	Data Structures		
	Science I		Science II		
			Science Lab		
CS 146	Intro Web Programming & Project Development	CS 135	Discrete Structures		
CAL 103/105	Humanities	CAL 105/103	Humanities		
PE 200	Phys. Ed. I	PE 200	Phys. Ed. II		
TERM 3		Co-op		TERM 4	
CS 306	Intro to IT Security			CS 503	Discrete Math for Cryptography
CS 385	Algorithms			HUM	Humanities 200 level
CS 334	Automata & Computation			HUM	Humanities 300 level
CS 383	Computer Organization & Programming				Free Elective
HSS 371 or HPL 455	Computers and Society or Ethical Issues in Science and Technology			MA 222	Probability & Statistics
PE 200	Phys. Ed. III			PE 200	Phys Ed. IV
Co-op		TERM 5		Co-op	
		CS 392	Systems Programming		
		CS 488	Computer Architecture		
		CS 579	Foundations of Cryptography		
		CS 578	Privacy in a Networked World		
		CS 347	Software Development Process		
TERM 6		Co-op		Co-op	
CS 442	Database Mgmt. Systems				
CS 443	Database Practicum				
CS 520	Operating Systems				

CS 576	Secure Systems				
CS 577	Cybersecurity Lab				
	Term 7		Term 8		
CS 425	Cybersecurity Capstone I	CS 426	Cybersecurity Capstone II		
CS	CS elective		Security elective		
	Security elective	CS 496	Principles of Programming Languages		
CS 595	Information Security and the Law	CS 521	TCP/IP Networking		
CS 511	Concurrent Programming	HUM	Humanities elective		
CS 485	Societal Impact of Information Technologies (1 credit)				