Computer Science BS (Fall 2014 start, Co-op Schedule A, begin with CS 110)

TERM 1 Differential Calculus Integral Calculus Creative Problem Solving in Computing	MA 123 followed by MA 124	TERM 2 Series, Vectors, Functions, and Surfaces		Co-op	
Integral Calculus Creative Problem Solving	followed by				
Creative Problem Solving	MA 124				
		Calculus of Two Variables			
in computing	CS 115	Intro Computer Science			
Science I		Science II			
		Science Lab			
Intro Web Programming & Project Development	CS 135	Discrete Structures			
Humanities	CAL 105/103	Humanities			
Phys. Ed. I	PE 200	Phys. Ed. II			
TEDM 2		Co-op		TERM 4	
			MA 222	Probability & Statistics	
				Algorithms	
			00 505	Science/Math Elective	
Computer Organization &			HUM	Humanities elective	
Humanities 200 level			HUM	Humanities 300 level	
Phys. Ed. III			PE 200	Phys. Ed. IV	
0					
Со-ор				Co-op	
	CS 392 CS 347	Software Development			
	CS 496	Principles of Programming Languages			
	CS 522 or CS 546 or CS 548	Mobile Systems & App or Web Programming or Enterprise Software Architecture & Design			
	HUM	Humanities elective			
TERM 6		Co-op		Со-ор	
				Со-ор	
	Humanities Phys. Ed. I TERM 3 Project Management Data Structures Automata & Computation Computer Organization & Programming Humanities 200 level	IumanitiesCAL 105/103HumanitiesCAL 105/103Phys. Ed. IPE 200TERM 3-Project Management-Data Structures-Automata & Computation-Computer Organization & Programming-Humanities 200 level-Phys. Ed. III-Co-opCS 392Co-opCS 392Co-opCS 392Cs 347CS 496Cs 546 or CS 548-TERM 6-Database Mgmt. Systems-	IumanitiesCAL 105/103HumanitiesPhys. Ed. IPE 200Phys. Ed. IITERM 3Co-opProject ManagementCo-opData StructuresImage: Co-opAutomata & ComputationImage: Co-opComputer Organization & ProgrammingImage: Co-opHumanities 200 levelImage: Co-opPhys. Ed. IIIImage: Co-opCo-opImage: Co-opCo-opCS 347Co-opSoftware Development ProcessCo-opCS 522 or CS 546 or CS 548CS 548Principles of Programming or Enterprise Software Architecture & DesignHUMHumanities electiveImage: Co-opImage: Co-opDatabase Mgmt. SystemsImage: Co-op	HumanitiesCAL $105/103$ HumanitiesPhys. Ed. IPE 200Phys. Ed. IITERM 3Co-opProject ManagementMA 222Data StructuresCS 385Automata & ComputationCS 385Automata & ComputationHUMOrogrammingHUMProject IIIPE 200Project IIIPE 200Computer Organization & ProgrammingHUMPhys. Ed. IIIPE 200CoopTERM 5CoopCS 392Systems ProgrammingSoftware Development ProcessCoopCS 347Software Development ProcessCS 548Principles of Programming LanguagesCS 548Systems & App or CS 548CS 548CS 548 or CS 548CS 548HUMHumanities electiveImage: Software Development Programming LanguagesTERM 6Co-opDatabase Mgmt. SystemsImage: Software Development ProcespDatabase Mgmt.	

CS 511	Concurrent Programming			
MA 331	Intermediate Statistics			
HSS 371 or HPL 455	Computers & Society or Ethical Issues in Science and Technology			
TERM 7		TERM 8		
CS 423	Senior Design I	CS 424	Senior Design II	
CS 306	Intro to IT Security	CS 492	Operating Systems	
CS	Tech Elective	CS	Software Development Elective	
	Science/Math Elective		Free Elective	
	Free elective	HUM	Humanities elective	
CS 485	Societal Impact of Information Technologies (1 credit)			