Computer Science BS
(Fall 2014 start, no co-op, begin with CS 110)

FALL		SPRING		SUMMER	
TERM 1		TERM 2			
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 110	Creative Problem Solving in Computing	CS 115	Intro. Computer Science		
	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		TERM 4			
CS 284	Data Structures	CS 385	Algorithms		
BT 353	Project Management	CS 496	Principles of Programming Languages		
CS 334	Automata & Computation	CS 347	Software Development Process		
CS 383	Computer Organization & Programming	MA 222	Probability & Statistics		
HUM	Humanities 200 level	HUM	Humanities 300 level		
PE 200	Phys. Ed. III	PE 200	Phys. Ed. IV		
TERM 5		TERM 6			
CS 442	Database Mgmt. Systems	CS 492	Operating Systems		
CS 443	Database Practicum	CS 522 or CS 546 or CS 548	Mobile Systems & App or Web Programming or Enterprise Software Architecture & Design		
HSS 371 or HPL 455	Computers. and Society or Ethical Issues in Science and Technology	CS	Software Development Elective		
MA 331	Intermediate Statistics		Science/Math elective		
CS 392	Systems Programming	HUM	Humanities elective		
TERM 7		TERM 8			

CS 423	Senior Design I	CS 424	Senior Design II		
CS 306	Intro to IT Security	CS	Technical elective		
CS 511	Concurrent Programming	HUM	Humanities elective		
	Science/Math elective		Free elective		
CS 485	Societal Impact of Information Technologies (1 credit)				
HUM	Humanities elective		Free elective		