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

(CS enrichment indicated in *red italics*)

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 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		Co-op		TERM 4	
BT 353	Project Management			MA 222	Probability & Statistics
CS 284	Data Structures			CS 385	Algorithms
CS 334	Automata & Computation				Science/Math Elective
CS 383	Computer Organization & Programming				Free elective
HUM	Humanities 200 level			HUM	Humanities 300 level
PE 200	Phys. Ed. III			PE 200	Phys. Ed. IV
Co-op		TERM 5		Co-op	
		CS 392	Systems Programming		
		CS 347	Software Development Process		
		CS 496	Programming Languages		
		CS 522 or CS 546 or CS 548	Mobile Systems & App or Web Programming or Enterprise Software Architecture & Design		
		CS 497	*Independent Study*		
TERM 6		Co-op		Co-op	
CS 442	Database Mgmt. Systems	CS 370	Creative Problem Solving and Team Programming		

CS 443	Database Practicum				
CS 511	Concurrent Programming				
MA 331	Intermediate Statistics				
CS 497	*Independent Study*				
	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 498	*Senior thesis*	*CS 499*	*Senior thesis*		
	Science/Math Elective				
HSS 371 or HPL 455	Computers & Society or Ethical Issues in Science and Technology	CS	Technical elective		
CS 485	Societal Impact of Information Technologies (1 credit)				