Computer Science BS -- Honors thesis curriculum
(Fall 2014 start, Co-op Schedule A, begin with CS 181)

(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 181	Intro Computer Science, Honors I	CS 182	Intro Computer Science, Honors II		
	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	*CS 370*	*Creative Programming and Team Programming*	CS	Technical elective
HUM	Humanities 200 level			HUM	Humanities 300 level
CS 334	Automata & Computation				Science/Math Elective
CS 383	Computer Organization & Programming				Free elective
CS 392	Systems Programming			MA 222	Probability & Statistics
PE 200	Phys. Ed. III			PE 200	Phys. Ed. IV
Co-op		**TERM 5**		**Co-op**	
		CS 522 or CS 546 or CS 548	Mobile Systems & App or Web Programming or Enterprise Software Architecture & Design		
		CS 347	Software Development Process		
		CS 492	Operating Systems		
		CS 497	*Independent Study*		
		CS 496	Principles of Programming Languages		
TERM 6		**Co-op**		**Co-op**	
CS 442	Database Mgmt. Systems				

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