DEGREE CHECKLIST 2019-2020	BACHELOR OF ARTS (BA) COMPUTER SCIENCE Specialized Honours (Software Development Stream)
NAME	
STUDENT #	

		COURSES		CREDITS EARNED	GRADE
First Year Courses					
	☐	LE/EECS 1001 1.00	Research Directions in Computing		
	☐	LE/EECS 1012 3.00	Net-Centric Introduction to Computing		
	☐	LE/EECS 1019 3.00	Discrete Mathematics for Computer Science		
	☐	LE/EECS 1022 3.00	Programming for Mobile Computing		
	☐	SC/MATH 1025 3.00	Applied Linear Algebra		
	☐	SC/MATH 1300 3.00	Differential Calculus with Applications		
	☐	SC/MATH 1310 3.00	Integral Calculus with Applications		
General Education/Electives	☐				
	☐				
	☐				
	☐				
Second Year Courses					
	☐	SC/MATH 1090 3.00	Introduction to Logic for Computer Science		
	☐	SC/MATH 2030 3.00	Elementary Probability		
	☐	LE/EECS 2001 3.00	Introduction to the Theory of Computation		
	☐	LE/EECS 2030 3.00	Advanced Object Oriented Programming		
	☐	LE/EECS 2021 4.00	Computer Organization		
	☐	LE/EECS 2011 3.00	Fundamentals of Data Structures		
	☐	LE/EECS 2031 3.00	Software Tools		
	☐	LE/EECS 2311 3.00	Software Development Project		
General Education/Electives	☐				
	☐				
Notes					

		COURSES		CREDITS EARNED	GRADE
		Third Year Courses			
	☐	LE/EECS 3000 3.00	Professional Practice in Computing		
	☐	LE/EECS 3101 3.00	Design and Analysis of Algorithms		
	☐	LE/EECS 3311 3.00	Software Design		
	☐	LE/EECS 3342 3.00	System Specification and Refinement		
	☐	LE/EECS 3421 3.00	Introduction to Database Systems		
	☐	LE/EECS 3461 3.00	User Interfaces		
At least 3 credits from: LE/EECS 3215 4.00, LE/EECS 3221 3.00	☐				
General Education/Electives	☐				
	☐				
	☐				
		Fourth Year Courses			
	☐	LE/EECS 4090 6.00	Interactive Systems Project		
	☐	LE/EECS 4312 3.00	Software Engineering Requirements		
	☐	LE/EECS 4313 3.00	Software Engineering Testing		
One of: LE/EECS 4101 3.00 or LE/EECS 4111 3.00 or LE/EECS 4115 3.00 for an overall total of at least 65 credits from computer science courses	☐				
Additional elective credits, as required for an overall total of at least 120 credits, including at least 18 at the 4000 level, and at least 30 credits which are outside computer science, mathematics, statistics and information technology. The requirement of 36 credits at the 3000 level or higher is satisfied by the EECS courses listed above.	☐				
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General Education Requirement:
21 credits chosen from humanities, natural science and social science courses,
with the constraint that at least 6.00 credits must be chosen from each of humanities, social science and natural science areas, but no more that 9.00 credits should be in any one of the three areas.

Electives:
All BA, Honours BA, Specialized Honours BA and Honours iBA degree candidates must choose at least 18 elective credits outside the major.
Moreover, these elective credits may not be part of the general education or any other named requirements (such as MATH requirements). Honours double major and major/minor programs automatically meet this regulation.

TOTAL OCGPA (minimum overall GPA of 5.00 (C+) required to graduate with an Honours BA degree)

General Prerequisite: Most 2000-, 3000-, and 4000-level EECS courses require the following general (that is, common) prerequisites, in addition to other course-specific prerequisites: a cumulative grade point average of 4.50 or better over all completed major EECS courses. Note: "Major" courses are all EECS courses with second digit other than 5 and include LE/EECS 1028 3.00 (cross-listed to: SC/MATH 1028 3.00) and LE/EECS 1019 3.00 (cross-listed to: SC/MATH 1019 3.00).

Participation in the Co-op or internship option is highly recommended for students, but is not a degree requirement.

Notes