



**DEGREE CHECKLIST
2018-2019**

**BACHELOR OF ARTS (BA)
COMPUTER SCIENCE**

NAME

STUDENT #

Students are strongly advised to refer to online Academic Calendars before enrolling into courses: <http://calendars.registrar.yorku.ca/>

PREREQUISITES/COREQUISITES	COURSES		CREDITS EARNED	GRADE
First Year Courses				
	<input type="checkbox"/>	LE/EECS 1001 1.00 Research Directions in Computing		
	<input type="checkbox"/>	LE/EECS 1012 3.00 Net-Centric Introduction to Computing		
	<input type="checkbox"/>	LE/EECS 1019 3.00 Discrete Mathematics for Computer Science		
	<input type="checkbox"/>	LE/EECS 1022 3.00 Programming for Mobile Computing		
	<input type="checkbox"/>	SC/MATH 1300 3.00 Differential Calculus with Applications		
	<input type="checkbox"/>	SC/MATH 1310 3.00 Integral Calculus with Applications		
General Education/Electives	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
Second Year Courses				
	<input type="checkbox"/>	SC/MATH 1090 3.00 Introduction to Logic for Computer Science		
	<input type="checkbox"/>	LE/EECS 2001 3.00 Introduction to the Theory of Computation		
	<input type="checkbox"/>	LE/EECS 2011 3.00 Fundamentals of Data Structures		
	<input type="checkbox"/>	LE/EECS 2021 4.00 Computer Organization		
	<input type="checkbox"/>	LE/EECS 2030 3.00 Advanced Object Oriented Programming		
	<input type="checkbox"/>	LE/EECS 2031 3.00 Software Tools		
General Education/Electives	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			

Notes

PREREQUISITES/COREQUISITES	COURSES		CREDITS EARNED	GRADE
Third Year Courses				
	<input type="checkbox"/>	LE/EECS 3101 3.00	Design and Analysis of Algorithms	
	<input type="checkbox"/>	LE/EECS 3311 3.00	Software Design	
At least 3 credits from LE/EECS 3221 3.00, LE/EECS 3215 4.00	<input type="checkbox"/>			
At least 3 credits from LE/EECS 3401 3.00, LE/EECS 3421 3.00, LE/EECS 3461 3.00	<input type="checkbox"/>			
At least 6 additional credits from EECS courses at the 3000 level, for an overall total of at least 44 credits from EECS courses	<input type="checkbox"/>			
	<input type="checkbox"/>			
Additional elective credits as required, for an overall total of at least 90 credits, of which at least 18 credits are at the 3000 level or higher, including at least 12 credits in the major	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			

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 than 9.00 credits should be in any one of the three areas. For the successful completion of the degree program, at least 30 credits must be completed which are outside computer science, mathematics, statistics and information technology courses.

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 CREDITS & CGPA (minimum overall GPA of 4.00 (C) is required to graduate with a 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).

Notes