DEGREE CHECKLIST 2023-2024	INTERNATIONAL BACHELOR OF ARTS (iBA) COMPUTER SCIENCE Honours
NAME	
STUDENT #	

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

		COURSES		CREDITS EARNED	GRADE
		First Year Courses			
	☐	LE/EECS 1001 1.00	Research Directions in Computing		
	☐	LE/EECS 1012 3.00 or LE/EECS 1015 3.00	Net-Centric Introduction to Computing or Introduction to Computer Science and Programming		
	☐	LE/EECS 1019 3.00	Discrete Mathematics for Computer Science		
	☐	LE/EECS 1022 3.00	Introduction to Object Oriented Programming		
	☐	SC/MATH 1300 3.00	Differential Calculus with Applications		
	☐	SC/MATH 1310 3.00	Integral Calculus with Applications		
International Component/General Education See sections "A" and "C" on page 2	☐				
	☐				
	☐				
	☐				
	☐				
		Note: SC/MATH 1025 3.00 is recommended.			
		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 2101 3.00	Fundamentals of Data Structures		
	☐	LE/EECS 2021 4.00	Computer Organization		
	☐	LE/EECS 2031 3.00	Software Tools		
International Component/General Education See sections "A" and "C" on page 2	☐				
	☐				
	☐				
		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		
At least 3 credits from LE/EECS 3215 4.00, LE/EECS 3221 3.00	☐				
At least 3 credits from LE/EECS 3401 3.00, LE/EECS 3421 3.00, LE/EECS 3461 3.00	☐				
International Component/General Education See sections "A" and "C" below	☐				
	☐				
	☐				
	☐				
	☐				
		Fourth Year Courses			
At least 12 credits from EECS courses at the 4000 level, for an overall total of at least 53 credits from EECS courses	☐				
	☐				
	☐				
	☐				
Additional elective credits including 3 credits at the 3000 level or higher 6 credits at the 4000 level completion of the international component Additional elective credits, as required, for a minimum total of 120 credits	☐				
	☐				
	☐				
	☐				
	☐				
	☐				

A. 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.

B. Electives:
Honours double major and major/minor programs automatically meet this regulation. It is recommended that students in the Honours Major, Honours Double Major or Honours Major/Minor programs, where computer science is the major, take a linear algebra course such as SC/MATH 1025 3.00 among their electives. Additional elective credits, as required, for an overall total of 120 credits.

C. International Component:
30 required credits outside the major, consisting of: at least 18 credits of language study in one of the modern languages offered at York University, including the Advanced I university-level course in the chosen language; at least 12 credits of internationally-oriented courses chosen outside the major; at least one full term abroad as a full-time student at one of York University's exchange partners.

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

EECS GPA Prerequisite:
Most 2000-, 3000-, and 4000-level EECS courses require a cumulative GPA or 4.5 or better over all EECS major courses in addition to other course-specific prerequisites.
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