DEGREE CHECKLIST 2023-2024	BACHELOR OF SCIENCE (BSc) COMPUTER SCIENCE
NAME	
STUDENT #	

		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		
Foundational science: six credits from SC/BIOL 1000 3.00, SC/BIOL 1001 3.00, SC/CHEM 1000 3.00, SC/CHEM 1001 3.00, SC/PHYS 1011 3.00, SC/PHYS 1012 3.00, SC/PHYS 1010 6.00, SC/PHYS 1411 3.00, SC/PHYS 1412 3.00, SC/PHYS 1410 6.00, SC/PHYS 1421 3.00, SC/PHYS 1422 3.00, SC/PHYS 1420 6.00	☐				
	☐				
General Education and/or Science Breadth See sections "A" and "C" on page 2	☐				
	☐				
	☐				

NOTE: A linear algebra course such as SC/MATH 1025 3.00 is highly recommended.

Second Year Courses					
	☐	SC/MATH 1090 3.00	Introduction to Logic for Computer Science		
	☐	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		
General Education and/or Science Breadth See sections "A" and "C" on page 2	☐				
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	☐				
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Notes

		COURSES	CREDITS EARNED	GRADE
		Third Year Courses		
	☐	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	☐			
At least 6 additional credits from EECS courses at the 3000 level, for an overall total of at least 44 credits from EECS courses.	☐			
	☐			
Additional elective credits, as required, for a minimum of 90 credits	☐			
	☐			
	☐			
	☐			

A. General Education Requirement:
non-science requirement: 12 credits from the approved list of courses and subject areas in your Academic Calendar;
mathematics: satisfied within the core requirements;
computer science: satisfied by the major requirements;
science: satisfied by the BIOL, CHEM, or PHYS labs as stated on your degree checklist.

B. Major Requirements:
As stated on your degree checklist.

C. Science Breadth:
In addition to the courses specified in the checklist, 9 credits are required in approved non-EECS science disciplines, of which 3 credits must be at the 2000-level or above.

D. Upper Level Requirement:
Upper level requirement is satisfied by EECS courses listed above.

E. Additional elective credits, as required, for a minimum total of 90 credits.

TOTAL CGPA (minimum cumulative GPA of 4.00 (C) required to graduate with a BSc 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).

Notes