DEGREE CHECKLIST 2020-2021	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	Programming for Mobile Computing		
	☐ 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 2011 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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	☐			
	☐			

Notes

		COURSES		CREDITS EARNED	GRADE

Third Year Courses

				CREDITS EARNED	GRADE
	☐	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 computer science courses at the 3000 level, for an overall total of at least 44 credits from computer science courses.	☐				
	☐				
Additional elective credits, as required, for an overall total 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 an overall 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