

PROGRAM REQUIREMENT OVERVIEW

A minimum 120 units are required to complete the Bachelor of Science (BSc) in Computing Science Program:

Upper Division (45 units)

- CMPT/MACM/MATH (39 units)
- UD elective courses (6 units)

General Electives (varies)

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COMPUTING SCIENCE (36-37 units)

CMPT 105W (LD W)	CMPT 225*	MATH 150 OR 151 (Q, UB)
CMPT 120	CMPT 276	MATH 152 (Q, UB)
CMPT 125	CMPT 295	MATH 232 OR 240
CMPT 210** or MACM 201**	MACM 101* (B-SCI)	STAT 270 or STAT 271

UPPER DIVISION WRITING (3 units)

CMPT 376W (UD W)

UPPER DIVISION REQUIREMENTS (300/400)

UPPER DIVISION ELECTIVES (6 units)

ANY 3XX/4XX

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LOWER DIVISION REQUIREMENTS (51-52 units):

* MACM 101, CMPT 225, CMPT 295 and CMPT 210 (or MACM 201), are necessary courses to enroll in most upper division courses.

† CMPT 210 - students taking CMPT 210 are recommended to take STAT 271 as their STAT course.

- MATH 154/157 and 155/158 (with grades of B+ or higher) may substitute MATH 150/151 and 152 with permission of the School
- WQB requirements: Students are required to complete 6 units of writing (W), 6 units of quantitative (Q), 6 units of Breadth Science (B-Sci), 6 units of Breadth Social Science (B-Soc), 6 units of Breadth Humanities (B-Hum) and 6 units of Undesignated Breadth (UB). Computing Science students automatically fulfill their WQB requirements of 6 Q and UB units with MATH courses, 3 B-Sci units with MACM 101, and 6 W units with CMPT 105W and CMPT 376W. For complete WQB regulations please refer to: http://www.sfu.ca/ugcr/for_students.html.

UPPER DIVISION REQUIREMENTS (39-45 units):

Breadth requirement (15)

- Complete five courses across the six columns of Table I. ‡ CMPT 300 and 307 are mandatory and address two columns. Choose three more courses, from different columns, from the other four columns of Table I.

Depth requirement (12)

- Four 400 level courses from Table I are required. These are in addition to the five breadth courses above.

Additional units for the BSc, BEd or BA Credential (3 -9)

- BSc (9 units). Completion of MACM 316 plus two additional courses from Tables I or III
- BEd (3 units). One additional CMPT course from Tables I or III, to total at least 30 UD CMPT units
- BA (3 units). One additional CMPT course chosen from Tables I or III, to total at least 30 UD CMPT units, in addition to 15 units in the Faculty of Arts and Social Sciences (FASS), 6 of which must be UD FASS units

Writing requirement (3)

- CMPT 376W is required to satisfy UD W requirements

Notes on Upper Division Requirements

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