1. **LOWER DIVISION REQUIREMENTS**: Students must have or complete all lower division courses with an asterisk*; the remaining lower division courses are optional. Please consult an advisor. Students will need to apply for course waivers for the lower division prerequisites prior to starting the program.

- CMPT 120*
- CMPT 125*
- CMPT 127*
- CMPT 225*
- CMPT 276
- CMPT 295

2. **UPPER DIVISION REQUIREMENTS**: Requirements for Breadth, Depth and BSc Credential (see next page)

**Table I: Computing Science Areas**

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**Table III: Computing Mathematics**

- MATH 308
- MATH 340
- MATH 343
- MACM 316
- MACM 401
- MACM 442

**WQB REQUIREMENT**: CMPT 376W

**BSc Credential**

- MACM 316
- Any course from Tables I or III
- Any course from Tables I or III

3. **Optional Co-operative Education**

- CMPT 426
- CMPT 427
- CMPT 428
- CMPT 429
- CMPT 430

**Breadth courses required**: ___________________________________

_________________________________

**Depth courses required**: ___________________________________

_________________________________

**BSc courses required**: ___________________________________

_________________________________

**Other courses required for graduation**: ____________________________

45 UD units required: Current: _______ Required: _______

39 CS UD units required: Current: _______ Required: _______

**THIS ACADEMIC PLAN IS A GUIDELINE ONLY. PLEASE REFER TO THE SFU CALENDAR FOR FULL DETAILS.**
1. LOWER DIVISION REQUIREMENTS (or equivalents):

For most second degree students, some of the lower division prerequisite requirements will be waived due to work completed previously.

Students without this background will require additional time to complete lower division prerequisites prior to the commencement of upper division courses needed for the second degree.

2. UPPER DIVISION REQUIREMENTS:

Breadth requirement (15 units)
- Five courses from the six areas of Table I must be completed. CMPT 300 and 307 are mandatory; in addition to these two, choose three more courses from the other three columns of Table I. CMPT 354 is also recommended.

Depth requirement (12 units)
- Four 400 level courses from Table I are required. (excluding CMPT 415, 416 and 498 which may be included by special permission).

Additional units for the BSc or BA Credential
- BSc (9 units). Completion of MACM 316, plus two additional courses chosen from Tables I or III.
- BA (3 units*). One additional CMPT course chosen from Table I or II, to total at least 30 UD CMPT units. *To fully complete the BA credential, 15 units must be completed in the Faculty of Arts and Social Sciences (FASS) including at least 6 upper division FASS units.

WQB Upper Division Writing Requirement (3 units)
- CMPT 376W required. CMPT 322W may be considered with permission of the School.

Note: The following courses may be counted as being part of Tables I, II, or III with permission of the School: CMPT 318, 415, 416, 496, 497, 498.

Faculty of Applied Sciences Requirements: At least two thirds of the total Upper Division units in the program must have been completed at Simon Fraser University. Please refer to the current SFU calendar for full details.

3. CO-OPERATIVE EDUCATION: Combines work experience with academic studies—all students are encouraged to apply. Co-op is not mandatory; however, students completing 3 co-op placements receive a certificate of completion while students completing 4 or more co-op placements receive a co-op designation on their transcript and parchment. Note: You cannot graduate on a coop term. Please contact the Coop office for full details.

Questions? Contact an Applied Sciences Advisor at asadvise@sfu.ca, or view our advising schedule for drop-in and booked advising: http://www.sfu.ca/fas/current-student/advising.html.