# Academic Planning Form

## FACULTY OF APPLIED SCIENCE

### COMPUTING SCIENCE SECOND DEGREE

#### ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2014 ONWARDS

**Name:** _______________________

**Student ID:** __________________________

**Email:** _____________________________________

**Advisor:** ____________________________________

**Credential Designation:**

- ☐ BSc
- ☐ BA
- ☐ BEd

**Date**                        ___________

**First term at SFU**   ___________

**Email**

**Other Major/Minor**

**Term Approved**     ___________

**Date**

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1. **LOWER DIVISION REQUIREMENTS:**

   Students must complete all lower division courses with an asterisk*; the remaining lower division courses are optional. Please consult an advisor for more information.

   - ☐ CMPT 120*
   - ☐ MATH 151 or 150*
   - ☐ CMPT 125*
   - ☐ MATH 152*
   - ☐ CMPT 127*
   - ☐ MATH 232 or 240*
   - ☐ CMPT 150
   - ☐ MACM 101*
   - ☐ CMPT 225*
   - ☐ MACM 201*
   - ☐ CMPT 250
   - ☐ STAT 270 or BUEC 232
   - ☐ CMPT 275

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 | ☐ MACM 401 |
| ☐ MATH 340 | ☐ MACM 442 |
| ☐ MATH 343 |

**WQB REQUIREMENT:**

- ☐ CMPT 376W

**BSc Credential:**

- ☐ MACM 316
- ☐ CMPT 320 or CMNS 353
- Any course from Tables I or III
- Any course from Tables I or III

**Other courses required for graduation:**

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- Breadth courses required: ________________________________

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- Depth courses required: ________________________________

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- BSc courses required: ________________________________

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- Other courses required for graduation: ________________________________

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3. **Optional Co-operative Education**

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

**45 UD units required:**

- Current: ________ Required: ________

**42 CS UD units required:**

- Current: ________ Required: ________
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. Choose three more courses from the other areas of Table I.

Depth requirement (12 units)
- Four 400 level courses from Table I are required.

Additional units for the BSc, BEd or BA Credential
- BSc (12 units). Completion of MACM 316, CMPT 320 or CMNS 353, plus two additional courses chosen from Tables I, II, or III.
- BEd (3 units). One additional CMPT course from Table I or II, to total at least 30 UD CMPT units.
- 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, and 700 or 800 level CMPT courses.

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.