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 for more information.

- CMPT 120*
- MATH 151 or 150*
- CMPT 125*
- MATH 152*
- CMPT 127*
- MATH 232 or 240*
- CMPT 225*
- MACM 101*
- CMPT 276
- MACM 201*
- CMPT 295
- STAT 270 or BUEC 232

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

Table I: Computing Science Areas

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 310</td>
<td>CMPT 361</td>
<td>CMPT 300</td>
<td>CMPT 354</td>
<td>CMPT 373</td>
<td>CMPT 307</td>
</tr>
<tr>
<td>CMPT 340</td>
<td>CMPT 363</td>
<td>CMPT 305</td>
<td>CMPT 441</td>
<td>CMPT 375</td>
<td>CMPT 308</td>
</tr>
<tr>
<td>CMPT 411</td>
<td>CMPT 365</td>
<td>CMPT 371</td>
<td>CMPT 454</td>
<td>CMPT 383</td>
<td>CMPT 404</td>
</tr>
<tr>
<td>CMPT 412</td>
<td>CMPT 461</td>
<td>CMPT 379</td>
<td>CMPT 456</td>
<td>CMPT 384</td>
<td>CMPT 405</td>
</tr>
<tr>
<td>CMPT 413</td>
<td>CMPT 464</td>
<td>CMPT 431</td>
<td>CMPT 459</td>
<td>CMPT 473</td>
<td>CMPT 407</td>
</tr>
<tr>
<td>CMPT 414</td>
<td>CMPT 466</td>
<td>CMPT 433</td>
<td>CMPT 470</td>
<td>CMPT 475</td>
<td>CMPT 408</td>
</tr>
<tr>
<td>CMPT 417</td>
<td>CMPT 468</td>
<td>CMPT 471</td>
<td>CMPT 474</td>
<td>CMPT 477</td>
<td>CMPT 409</td>
</tr>
<tr>
<td>CMPT 419</td>
<td>CMPT 469</td>
<td>CMPT 479</td>
<td>CMPT 474</td>
<td>CMPT 489</td>
<td>MACM 300</td>
</tr>
<tr>
<td>CMPT 499</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table III: Computing Mathematics

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

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.

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

Additional units for the BSc, BEd or BA Credential
- BSc (9 units). Completion of MACM 316, plus two additional courses chosen from Tables I 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.