

**ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2015 to SUMMER 2016**

Name: \_\_\_\_\_ Credential Designation: \_\_\_\_\_ Date: \_\_\_\_\_  
 Student ID: \_\_\_\_\_  BSc  BA  BEd First term at SFU: \_\_\_\_\_  
 Email: \_\_\_\_\_ Other Major/Minor: \_\_\_\_\_ Term Approved: \_\_\_\_\_  
 Advisor: \_\_\_\_\_

**1. LOWER DIVISION REQUIREMENTS: Students must complete all of the following**

<input type="checkbox"/> CMPT 120	<input type="checkbox"/> CMPT 295	<input type="checkbox"/> MACM 101 (B-SCI)	<input type="checkbox"/> (WQB) B-HUM
<input type="checkbox"/> CMPT 125	<input type="checkbox"/> MATH 151 or 150	<input type="checkbox"/> MACM 201	<input type="checkbox"/> (WQB) B-HUM
<input type="checkbox"/> CMPT 127	<input type="checkbox"/> MATH 152	<input type="checkbox"/> (WQB) W	<input type="checkbox"/> (WQB) B-SOC
<input type="checkbox"/> CMPT 225	<input type="checkbox"/> MATH 232 or 240	<input type="checkbox"/> (WQB) B-SCI	<input type="checkbox"/> (WQB) B-SOC
<input type="checkbox"/> CMPT 276	<input type="checkbox"/> STAT 270 or BUEC 232		

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

**Table I: Computing Science Areas**

Artificial Intelligence	Computer Graphics and Multimedia	Computing Systems	Information Systems	Programming Languages and Software	Theoretical Computing Science
<input type="checkbox"/> CMPT 310	<input type="checkbox"/> CMPT 361	<input type="checkbox"/> <b>CMPT 300</b>	<input type="checkbox"/> CMPT 301	<input type="checkbox"/> CMPT 373	<input type="checkbox"/> <b>CMPT 307</b>
<input type="checkbox"/> CMPT 340	<input type="checkbox"/> CMPT 363	<input type="checkbox"/> CMPT 305	<input type="checkbox"/> CMPT 354	<input type="checkbox"/> CMPT 375	<input type="checkbox"/> CMPT 308
<input type="checkbox"/> CMPT 411	<input type="checkbox"/> CMPT 365	<input type="checkbox"/> CMPT 371	<input type="checkbox"/> CMPT 370	<input type="checkbox"/> CMPT 383	<input type="checkbox"/> CMPT 404
<input type="checkbox"/> CMPT 412	<input type="checkbox"/> CMPT 461	<input type="checkbox"/> CMPT 379	<input type="checkbox"/> CMPT 441	<input type="checkbox"/> CMPT 384	<input type="checkbox"/> CMPT 405
<input type="checkbox"/> CMPT 413	<input type="checkbox"/> CMPT 464	<input type="checkbox"/> CMPT 431	<input type="checkbox"/> CMPT 454	<input type="checkbox"/> CMPT 473	<input type="checkbox"/> CMPT 407
<input type="checkbox"/> CMPT 414	<input type="checkbox"/> CMPT 466	<input type="checkbox"/> CMPT 433	<input type="checkbox"/> CMPT 456	<input type="checkbox"/> CMPT 475	<input type="checkbox"/> CMPT 408
<input type="checkbox"/> CMPT 417	<input type="checkbox"/> CMPT 467	<input type="checkbox"/> CMPT 471	<input type="checkbox"/> CMPT 459	<input type="checkbox"/> CMPT 477	<input type="checkbox"/> CMPT 409
<input type="checkbox"/> CMPT 418	<input type="checkbox"/> CMPT 468	<input type="checkbox"/> CMPT 479	<input type="checkbox"/> CMPT 470	<input type="checkbox"/> CMPT 489	<input type="checkbox"/> MACM 300
<input type="checkbox"/> CMPT 419	<input type="checkbox"/> CMPT 469	<input type="checkbox"/> CMPT 499	<input type="checkbox"/> CMPT 474		

**Table III: Computing Mathematics**

<input type="checkbox"/> MATH 308	<input type="checkbox"/> MACM 401
<input type="checkbox"/> MATH 340	<input type="checkbox"/> MACM 442
<input type="checkbox"/> 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

**3. Optional Co-operative Education**

CMPT 426  
 CMPT 427  
 CMPT 428  
 CMPT 429  
 CMPT 430

Breadth courses required: \_\_\_\_\_  
 \_\_\_\_\_

Depth courses required: \_\_\_\_\_  
 \_\_\_\_\_

BSc/BA courses required: \_\_\_\_\_  
 \_\_\_\_\_

Other courses required for graduation: \_\_\_\_\_  
 \_\_\_\_\_

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120 units required: Current: \_\_\_\_\_ Required: \_\_\_\_\_

45 UD units required: Current: \_\_\_\_\_ Required: \_\_\_\_\_

42 CS UD units required: Current: \_\_\_\_\_ Required: \_\_\_\_\_

**1. LOWER DIVISION REQUIREMENTS (or equivalents):**

MATH 154/157 and 155/158, with grades of B+ or higher, may substitute MATH 150/151 and 152.

WQB requirements: Students are required to complete 6 units of writing (W), 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 UB units with MATH courses and 3 B-Sci units with MACM 101. 3 W units must be upper-division units. Some WQB courses may fulfill two requirements. Some courses have multiple designations. For complete WQB regulations please refer to [http://www.sfu.ca/ugcr/for\\_students.html](http://www.sfu.ca/ugcr/for_students.html).

**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 areas of Table I.

Depth requirement (12 units)

- 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

- 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](mailto:asadvise@sfu.ca), or view our advising schedule for drop-in and booked advising: <http://www.sfu.ca/fas/current-student/advising.html>.