

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2016 ONWARDS

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

1. LOWER DIVISON 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 DIVISON 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"/> CMPT 300	<input type="checkbox"/> CMPT 301	<input type="checkbox"/> CMPT 373	<input type="checkbox"/> CMPT 307
<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
 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: _____

120 units required: Current: _____ Required: _____

45 UD units required: Current: _____ Required: _____

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

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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 within the major. 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.

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 columns 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 (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 III, to total at least 30 UD CMPT units.
- BA (3 units*). One additional CMPT course chosen from Table I or III, 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 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 degree 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>.