

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2014 ONWARDS

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 250	<input type="checkbox"/> MACM 101 (B-SCI)	<input type="checkbox"/> (WQB) B-HUM
<input type="checkbox"/> CMPT 125	<input type="checkbox"/> CMPT 275	<input type="checkbox"/> MACM 201	<input type="checkbox"/> (WQB) B-HUM
<input type="checkbox"/> CMPT 127	<input type="checkbox"/> MATH 151 or 150	<input type="checkbox"/> STAT 270 or BUEC 232	<input type="checkbox"/> (WQB) B-SOC
<input type="checkbox"/> CMPT 150	<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	

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

Table I: Computing Science Concentrations

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	

BSc Credential and WQB:

<input type="checkbox"/> MACM 316
<input type="checkbox"/> CMPT 320 or CMNS 353
<input type="checkbox"/> Any course from Tables I or III
<input type="checkbox"/> Any course from Tables I or III
<input type="checkbox"/> CMPT 415 & 416, or 498
<input type="checkbox"/> (WQB) CMPT 376W

3. Optional Co-operative Education

<input type="checkbox"/> CMPT 426
<input type="checkbox"/> CMPT 427
<input type="checkbox"/> CMPT 428
<input type="checkbox"/> CMPT 429
<input type="checkbox"/> CMPT 430

Breadth courses required: _____

Depth courses required: _____

BSc/BA courses required: _____

Other courses required for graduation: _____

132 units required: Current: _____ Required: _____

60 UD units required: Current: _____ Required: _____

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

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THIS ACADEMIC PLAN IS A GUIDELINE ONLY. PLEASE REFER TO THE SFU CALENDAR FOR FULL DETAILS.

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.

2. UPPER DIVISION REQUIREMENTS:

Breadth requirement (18 units)

- One course in each of the six areas of Table I is required. These courses must include CMPT 300, 307 and 354.

Depth requirement (24 units)

- Eighteen units of additional CMPT courses numbered CMPT 300 or above must be completed, at least twelve of which must be numbered 400 or above. These courses must include CMPT 405 and at least one other course in the theoretical computing science concentration.
- In addition, six units of research are required including both of CMPT 415 and 416, or CMPT 498.

BSc Credential (15 units)

- Completion of MACM 316, and CMPT 320 or CMNS 353.
- CMPT 376W required to satisfy UD W requirements. CMPT 322W may be considered with permission of the School.
- Two additional courses from Tables I, II or III. Note: The following courses may be counted as being part of Tables I, II, or III with permission of the School: CMPT 318, 496, 497, and 700 or 800 level CMPT courses. CMPT 415, 416 and 498 may be used if not applied in the depth requirements, and with permission of the School.

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>.