FACULTY OF APPLIED SCIENCE

JOINT MAJOR
COMPUTING SCIENCE AND MOLECULAR BIOLOGY AND BIOCHEMISTRY

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2015 TO SUMMER 2016

Name: _______________________
Student ID: ____________________   Credential Designation: □ Applied Sciences BSc □ Science BSc
Email: _______________________
Advisor: _______________________

Date                        ___________
Student ID: __________________________


Applied Sciences
BSc
First term at SFU   ___________
Email: _____________________________________

Science BSc
Term Approved     ___________
Advisor:  ___________________________________

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CMPT 120*</td>
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<tr>
<td>CMPT 125*</td>
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<tr>
<td>CMPT 127*</td>
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<tr>
<td>CMPT 225</td>
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<tr>
<td>CMPT 276</td>
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<td>CMPT 295</td>
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<td>MBB 222</td>
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<td>MBB 231</td>
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*CMPT 130/130 are an acceptable alternative to CMPT 120/125/127

2. UPPER DIVISION REQUIREMENTS:

**REQUIRED COURSES:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CMPT 307</td>
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<td>CMPT 320</td>
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<td>CMPT 354</td>
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<td>CMPT 441</td>
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<td>MBB 308</td>
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<td>MBB 331</td>
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<td>MBB 342</td>
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<td>STAT 302</td>
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**ELECTIVE COURSES:**

List One
Choose at least two
- CMPT 305
- CMPT 310
- CMPT 340
- CMPT 361
- MACM 316
- MBB 321

List Two
Choose at least three
- CMPT 405
- CMPT 413
- CMPT 419
- CMPT 454
- MBB 438
- MBB 441
- MBB 461
- MBB 462
- MBB 463

Upper division electives must total a minimum of 44 units. Course(s):

**WQB REQUIREMENT:**

- □ CMPT 376W or MBB 309W

Faculty of Science and
Faculty of Applied Sciences
Credential Requirements:
(see reverse)

3. Optional Co-operative Education

- □ CMPT 426
- □ CMPT 427
- □ CMPT 428
- □ CMPT 429
- □ CMPT 430

120 units required: Current: _______ Required: _______
44 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):

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).

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:

Required courses - Students must complete all courses listed in the required column.

Elective courses - Students must complete at least 2 courses from List 1 and at least 3 courses from List 2.

Must have a minimum of 44 Upper Division units

WQB Requirement - Students must complete their upper division W with CMPT 376-3 or (W) MBB 309-4.

Faculty of Science Requirements: Students wishing to graduate with a BSc under Science should contact the MBB advisor directly.

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](http://www.sfu.ca/fas/current-student/advising.html).