

**JOINT MAJOR
COMPUTING SCIENCE AND MOLECULAR BIOLOGY AND BIOCHEMISTRY**

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2016 ONWARDS

Name: _____ Credential Designation: _____ 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

<input type="checkbox"/> CMPT 120*	<input type="checkbox"/> MACM 101	<input type="checkbox"/> CHEM 121	<input type="checkbox"/> STAT 270
<input type="checkbox"/> CMPT 125*	<input type="checkbox"/> MACM 201	<input type="checkbox"/> CHEM 122	<input type="checkbox"/> (WQB) B-HUM
<input type="checkbox"/> CMPT 127*	<input type="checkbox"/> MATH 151 or 150	<input type="checkbox"/> CHEM 281	<input type="checkbox"/> (WQB) B-HUM
<input type="checkbox"/> CMPT 225	<input type="checkbox"/> MATH 152	<input type="checkbox"/> CHEM 282 or 283	<input type="checkbox"/> (WQB) B-SOC
<input type="checkbox"/> CMPT 276	<input type="checkbox"/> MATH 232 or 240	<input type="checkbox"/> PHYS 101 & 102, or 120 & 121, or 125 & 126, or 140 & 141	<input type="checkbox"/> (WQB) B-SOC
<input type="checkbox"/> CMPT 295	<input type="checkbox"/> BIOL 101		<input type="checkbox"/> (WQB) W
<input type="checkbox"/> MBB 222	<input type="checkbox"/> BIOL 102		
<input type="checkbox"/> MBB 231	<input type="checkbox"/> BIOL 202		

*CMPT 130 and 135 are an acceptable alternative to CMPT 120, 125 and 127

2. UPPER DIVISION REQUIREMENTS:

REQUIRED COURSES:

ELECTIVE COURSES:

ADDITIONAL COURSES:

Complete all <input type="checkbox"/> CMPT 307 <input type="checkbox"/> CMPT 320 <input type="checkbox"/> CMPT 354 <input type="checkbox"/> CMPT 441 <input type="checkbox"/> MBB 308 <input type="checkbox"/> MBB 331 <input type="checkbox"/> MBB 342 <input type="checkbox"/> STAT 302	List One Choose at least two <input type="checkbox"/> CMPT 305 <input type="checkbox"/> CMPT 310 <input type="checkbox"/> CMPT 340 <input type="checkbox"/> CMPT 361 <input type="checkbox"/> MACM 316 <input type="checkbox"/> MBB 321	List Two Choose at least three <input type="checkbox"/> CMPT 405 <input type="checkbox"/> CMPT 413 <input type="checkbox"/> CMPT 419 <input type="checkbox"/> CMPT 454 <input type="checkbox"/> MBB 438 <input type="checkbox"/> MBB 441 <input type="checkbox"/> MBB 461 <input type="checkbox"/> MBB 462 <input type="checkbox"/> MBB 463	Upper division electives must total a minimum of 44 units. Course(s): _____ _____
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WQB REQUIREMENT:

CMPT 376W or MBB 309W

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

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

Required courses: _____

Elective courses required: _____

Additional Elective required: _____

Other courses required for graduation: _____

120 units required: Current: _____ Required: _____

44 UD program units req'd: Current: _____ Required: _____

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2016 ONWARDS**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.

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