# Academic Planning Form for Students Beginning Fall 2014 Onwards

**Name:** _____________________________________   **Credential Designation:** _____________________________________   **Date:** ___________

**Student ID:** _________________________________

**Email:** _____________________________________   **Term Approved:** ___________

**Advisor:** ____________________________________

## 1. Lower Division Requirements

- CMPT 120
- MATH 151 or 150
- GEOG 111
- (WQB) B-HUM
- CMPT 125
- MATH 152
- GEOG 253
- (WQB) B-HUM
- CMPT 127
- MATH 232 or 240
- GEOG 255
- (WQB) B-SOC
- CMPT 225
- MACM 101
- One of: GEOG 213, GEOG 214, GEOG 215, GEOG 221, GEOG 241, OR GEOG 261
- (WQB) B-SOC
- STAT 270 or GEOG 251
- MACM 201

## 2. Upper Division Requirements

**Required Courses:***
- CMPT 300
- CMPT 307
- CMPT 354
- CMPT 361
- CMPT 454
- GEOG 491
- MACM 316
- CMPT 376W or GEOG 322W or GEOG 389W

** elective courses:**
- Choose three of:
  - GEOG 351
  - GEOG 352
  - GEOG 353
  - GEOG 355
  - GEOG 356
- Choose three of:
  - CMPT 363
  - CMPT 371
  - CMPT 384
  - CMPT 412
  - CMPT 461
  - CMPT 470

**Additional Elective:**
- Choose two of:
  - GEOG 451
  - GEOG 453
  - GEOG 455
  - GEOG 457

**Four additional UD units of physical or human geography:** ___________

## WQB Requirement

- CMPT 376W or GEOG 322W or GEOG 389W

Required courses: ___________________________________

Elective courses required: ___________________________________

Additional Elective required: ___________________________________

Other courses required for graduation: _______________________ ___________

## 3. Optional Co-operative Education

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

120 units required: Current: _______ Required: _______

58 UD units required: Current: _______ Required: _______

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**Faculty of Science and**

**Faculty of Applied Sciences**

**Additional Requirements:**

(see reverse)
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 select the appropriate number of courses from each column, as indicated

Additional courses - Students must complete 4 additional units of upper division physical or human geography AND 3 additional units of upper division course work in any subject to bring their total upper division units to 45.

WQB Requirement - Students must complete their upper division W with CMPT 376-3 or GEOG 322W or GEOG 389W.

Faculty of Science Requirements: In addition to the above requirements, students must also satisfy Faculty of Science major program requirements to complete a total of 120 units including

- additional upper division units to total a minimum of 44 upper division units (excluding EDUC 401 to 406)
- students who were enrolled at Simon Fraser University between fall 1991 and summer 2006 are required to complete a minimum of 12 units in subjects outside the Faculty of Science (excluding EDUC 401 to 406) including six units minimum to be completed in the Faculty of Arts and Social Sciences

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.