# Academic Planning Form for Students Beginning Fall 2015 Onwards

**Name:** _______________________

**Credential Designation:**

**Date:** ___________

**Student ID:** __________________________

**Email:** _____________________________________

**Advisor:** _________________________________

## 1. Lower Division Requirements:

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

## 2. Upper Division Requirements:

**Required Courses:**

- CMPT 307
- CMPT 354
- CMPT 361
- CMPT 300
- CMPT 363
- CMPT 371
- CMPT 384
- GEOG 351
- GEOG 352
- GEOG 353
- GEOG 355
- GEOG 356
- CMPT 412
- CMPT 454
- CMPT 461
- CMPT 470
- GEOG 451
- GEOG 453
- GEOG 455
- GEOG 457

**Elective Courses:**

- Choose **three** of:
  - GEOG 351
  - GEOG 352
  - GEOG 353
  - GEOG 355
  - GEOG 356
- Choose **two** of:
  - CMPT 412
  - CMPT 454
  - CMPT 461
  - CMPT 470
- Choose **two** of:
  - GEOG 451
  - GEOG 453
  - GEOG 455

**Additional Elective:**

- Four additional UD units of physical or human geography: ___________
- Three additional UD units of CMPT or MACM: ___________

**WQB Requirement:**

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

## 3. Optional Co-operative Education

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

**Required courses: _____________________________**

**Elective courses required: _____________________________**

**Additional Elective required: _____________________________**

**Other courses required for graduation: _____________________________**

**120 units required: Current: _______ Required: _________**

**45 UD units required: Current: _______ Required: _________**
FACULTY OF APPLIED SCIENCES
FACULTY OF ENVIRONMENT
GEOGRAPHIC INFORMATION SCIENCE MAJOR
COMPUTING SCIENCE AND GEOGRAPHY

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2015 ONWARDS

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.

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.