FACULTY OF APPLIED SCIENCES **FACULTY OF ENVIRONMENT**	GEOGRAPHIC INFORMATION SCIENCE MAJOR COMPUTING SCIENCE AND GEOGRAPHY

ACADEMIC PLANNING FORM FOR STUDENTS BEGINNING FALL 2015 ONWARDS

Name: _____

Student ID: _____

Email: _____

Advisor: _____

Credential Designation:

☐ Applied Sciences BSc

Date _____

First term at SFU _____

Term Approved _____

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

☐ 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		☐ (WQB) W

2. UPPER DIVISON REQUIREMENTS:

REQUIRED COURSES: **ELECTIVE COURSES:**   **ADDITIONAL ELECTIVE:**

Complete **all**:	Choose **one** of:	Choose **three** of:	Choose **two** of:	Choose **two** of:	**Four** additional UD units of physical or human geography: _____
☐ CMPT 307	☐ CMPT 300	☐ GEOG 351	☐ CMPT 412	☐ GEOG 451	
☐ CMPT 354	☐ CMPT 363	☐ GEOG 352	☐ CMPT 454	☐ GEOG 453	**Three** additional UD units of CMPT or MACM: _____
☐ CMPT 361	☐ CMPT 371	☐ GEOG 353	☐ CMPT 461	☐ GEOG 455	
	☐ CMPT 384	☐ GEOG 355	☐ CMPT 470	☐ GEOG 457	
		☐ GEOG 356			

WQB REQUIREMENT:

☐ CMPT 376W or GEOG 322W or GEOG 389W

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

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: _____

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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):

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.