

Flexible Pre-Major Feasibility Study for Geography Programs in British Columbia

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Abbreviations of Institutions Offering Geography Courses

Camosun	Camosun College
CapU	Capilano University
CNC	College of New Caledonia
Coquitlam	Coquitlam College
COTR	College of the Rockies
Douglas	Douglas College
KPU	Kwantlen Polytechnic University
Langara	Langara College
NIC	North Island College
NLC	Northern Lights College
NWCC	North West Community College
OC	Okanagan College
Selkirk	Selkirk Community College
SFU	Simon Fraser University
TRU	Thompson Rivers University
TWU	Trinity Western University
UBCV	University of British Columbia
UBCO	University of British Columbia Okanagan Campus
UFV	University of the Fraser Valley
UNBC	University of Northern British Columbia
UVIC	University of Victoria
VIU	Vancouver Island University

Introduction

According to the British Columbia Council on Admissions and Transfer¹ (BCCAT), 27% of students enrolling in colleges and teaching universities within British Columbia did so with the intention of transferring to another institution to complete their program of study. Although students can transfer most of their earned credits from one institution to another, program requirements sometimes prevent students from directly using their earned credits at their new institution. Students in that situation must then complete one or more lower-level courses or duplicate part of a course due to wide curriculum variations within BC post-secondary institutions. The British Columbia Council on Admissions and Transfer, to facilitate the migration of students between institutions, has encouraged provincial articulation committees to improve the credit transfer process through a variety of means.

Through their Transfer Innovation Fund, BCCAT makes available two separate grants to improve the transfer process. The first, to conduct a feasibility study to determine if a Flexible-Pre-Major (FPM) can potentially help students transfer blocks of credits between institutions within a particular discipline and a second to fund its implementation. The following pages present the results of a feasibility study to determine if a Flexible Pre-Major (FPM) is an effective option to facilitate the transfer of blocks of geography credits from one institution to another within British Columbia's post-secondary system.

This report begins by providing a brief outline of the FPM and the options offered to students pursuing geography studies in British Columbia. This is followed by the objectives of this study and its methodology. The findings, analysis, and recommendations close this report.

¹ BCCAT (2012). *A Survey of Movers: Students Who Move Between BC Public Secondary Institutions*. Vancouver: British Columbia Council on Admissions and Transfer, p. 9.

Background

The post-secondary education landscape in British Columbia changed in 2008 when the provincial government gave a new mandate to some post-secondary institutions. Five of these institutions became teaching universities and were encouraged to expand their programs and develop new courses. Historically, UBC, SFU, and UVIC vetted many courses taught at colleges and university colleges. These vetted courses therefore had the same content and were deemed equivalent to the courses taught at the main three universities, making the transfer of courses between collegial institutions and the universities for the most part straightforward. This resulted in sending institutions creating curricula based on where the majority of their students intended to transfer to. For example, to this day, Camosun offers all required courses needed to enter directly into the third year of the various geography streams at UVIC. The same holds true between OC and UBCO and between Kwantlen and SFU. However, many new courses developed independently under the new found independence of the teaching universities may be more difficult to articulate on a course-by-course basis than in the past, potentially hindering students who wish to transfer to a geography major granting institution.

A quick note on the nomenclature used pertaining to sending and receiving institution. A sending institution is one that does not offer a major in geography but does offer transferable geography courses, while receiving institutions offer one or more geography majors and accept transfer credits fulfilling their requirements.

The Flexible Pre-Major

BCCAT defines a FPM as *first and second year courses that students are required to complete in order to be admitted to a major at the third year level. A Flexible Pre-Major (FPM) is a set of flexible requirements deliverable by sending institutions & acceptable to receiving institutions, and deemed to fulfill the lower level requirements for the major.*² A FPM is by no means intended to encroach on the autonomy of any participating institution. It is a carefully negotiated agreement between sending and receiving institutions put in place to minimise the potential hurdles a student may face when transferring from one institution to another. A FPM can also potentially lighten the administrative burden of a receiving institution since it doesn't have to evaluate the suitability of each course that doesn't match the exact requirements of a program. Most often, students will contest and try to obtain equivalent credits at a receiving institution, which has to be done on an *ad hoc* basis.

² Orum, J. (2010). *Flexible Pre-Majors: Improving the BC Transfer System for Students and Institutions*. Special Report. Vancouver: British Columbia Council on Admissions and Transfer, p. 2.

The main purpose of a FPM is therefore to reduce the number of additional credits a student may have to complete when transferring to a receiving institution. With a FPM in place, a student could potentially enter directly into the third year of a geography program at any of the signatory institutions without having to repeat or complete any additional lower-level courses.

It is important to keep in mind, when assessing the feasibility of a FPM, that we are not assessing direct course transferability, but whether a *student who has completed a particular group of courses in first and second year is sufficiently prepared to enter a major program at the third year level with reasonable prospects of academic success.*³ It is therefore important not to only assess a course's content but whether the knowledge and skills acquired in a number of first and second year courses appropriately prepares a student for the upper-level courses required to complete a major offered at a receiving institution.

Current Transfer System

Students who wish to pursue a major in geography at one of BC's universities can only transfer courses on a per course basis. There are currently no block transfer agreements in geography between post-secondary institutions. The only block transfer related to geography is between Camosun College and the University of Victoria where students who have completed Camosun's Environmental Technology Diploma can use up to 20 units to transfer to the BA Geography major at UVIC.

Geography Programs and Degrees

Geography is offered at twenty-two post-secondary institutions in British Columbia – eleven universities and eleven colleges – where students may complete studies leading to minors, majors and associate of arts or science degrees (Table 1). Students may complete a major in geography within a Bachelor of Arts at nine universities and a Bachelor of Science at six. There are, however, a number of thematic options within these majors. For example, students at Simon Fraser University can earn a Bachelor of Arts Geography Major either in a General stream or an Environmental Speciality stream that have different second year course requirements. Similarly, SFU's Bachelor of Science Geography Major has three streams: Geoscience, Physical Geography and Spatial Information Science, and Biogeophysical.⁴ UBCV, UFV, UVIC, and VIU offer similar streams (Appendix III). Honours programs are also offered at UBCV, UVIC, SFU, UFV, and TRU.

The Associate of Arts degree with an emphasis in geography is offered at six institutions (Table 1). Just as a bachelor degree, the Associate of Arts degree requirements are mandated by the province. A student must complete 60 credits of first and second year courses with nine science

³ Ibid.

⁴ Although included in table 3.3 (Appendix III) as a fourth stream, the Geographic Information Science stream is a non-departmentalized program that is jointly offered by the Departments of Computing Science and Geography.

credits and a minimum of 18 credits in Arts at the second year level in two or more subject areas.⁵ This degree is designed to prepare students for *life as an educated person, and to lay a solid foundation for further study.*⁶ The Associate of Arts degree is therefore equivalent to the first two years of university with all 60 credits receiving full block-transfer at British Columbia universities. However, students transferring to a university may still have to meet specific first and second-year requirements for certain degree programs.

Table 1
Degrees Offered at Post-Secondary Public Institutions in British Columbia

British Columbia Post-Secondary Institutions	BA Major	BSc Major	Associate of Arts or Science Degree	Insufficient Geography courses offered for degree/no Geography courses offered
UNIVERSITIES				
CapU			✓	
KPU			✓ ⁷	
SFU	✓	✓		
TRU	✓			
TWU	✓			
UBCV	✓	✓		
UBCO	✓			
UFV	✓	✓		
UNBC	✓	✓		
UVIC	✓	✓		
VIU	✓	✓		
COLLEGES				
Camosun			✓	
CNC			✓ ⁸	
Coquitlam				✓
COTR				✓
Douglas			✓ ⁸	
Langara			✓ ⁸	
NIC			✓	
NLC			✓	
NWCC			✓ ⁸	
OC			✓ ⁸	
Selkirk			✓	

⁵ See <http://www.bctransferguide.ca/associate/requirements> for the complete requirements.

⁶ Ibid.

⁷ Associate of Arts and Science Degree with an emphasis in geography.

⁸ Associate of Arts Degree with an emphasis in geography.

Purpose and Objectives

The main purpose of this study is to assess the feasibility of implementing a FPM in geography to facilitate the transfer of students between sending and receiving institutions. The main objectives of this study are to:

- Evaluate the need for a FPM in geography
- Assess the potential barriers to the implementation of a FPM in geography
- Assess the willingness of post-secondary institutions to adopt a FPM
- Develop recommendations pertaining to the feasibility of a FPM
- Identify core courses that might constitute a FPM
- Identify the receiving institutions that may benefit from a pre-major
- Identify the institutions that offer enough courses to partake in a FPM agreement

Methodology

To assess the feasibility of implementing a FPM in geography, primary and secondary data were collected. A survey administered to all post-secondary institutions in the province was sent to the articulation representatives in June of 2014 (Appendix VI). The survey was accompanied by a BCCAT Special Report⁹ explaining the main characteristics of the FPM. A link to the BCCAT website containing reports on FPMs was also provided. A reminder to those who hadn't returned the survey by August was sent via e-mail and one month later, a phone call was placed as a final reminder. In total, 10 of the possible 19 respondents replied.

An analysis of the transferability of all geography courses was conducted by cross-referencing all degree requirements of all publically funded post-secondary institutions. The data required for this task were obtained from institutional websites (Appendix I). A search using the online BCCAT Transfer Guide was used to determine which courses at sending institutions transfer directly to the receiving institutions. The lower level course requirements for each receiving institution were cross-referenced with matching courses at each sending institution (Appendix III). Cells in the table were populated with the course name and number (e.g. Geog 100) of the sending institution if there was a direct match to the receiving institution. In some instances, course equivalencies at the receiving institution involve a cluster credit where two or more courses at the sending institution are required to receive credit. Footnotes for these circumstances are included at the bottom of the tables. Note that the most recent effective dates on the transfer guide were used for the course equivalencies.

Findings

⁹ Orum, J. (2010).

This section presents a summary of the responses of the two questionnaires administered and an analysis of the tables collating the courses and programs available at BC's post-secondary institutions.

Program Cross-referencing Analysis

Geography programs in every institution have at their core similar lower-level required courses. All programs require courses in introductory human and physical geography at the first year level and a mix of more focussed human and physical geography such as biogeography, cartography/GIS, urban and economic geography, climatology, geomorphology, and regional geography at the second year level. In theory, a student taking a mix of these courses should have acquired the geographical knowledge needed to succeed in the upper level courses required for a major in a general geography stream. Sending institutions that offer a wide selection of courses but are short one or two required courses to complete specific major requirements at a receiving institution are therefore prime candidates for a FPM agreement.

An examination of the tables in Appendix IV show that only two colleges, Selkirk and COTR, do not offer enough courses to partake in a FPM with most institutions. Even if a student took all the courses at these institutions, he or she would not have enough lower-level courses to fulfill the requirements of a major or there wouldn't be enough other courses to consider for a FPM. A FPM is also unlikely between sending institutions and UBCV's BSc Geography Major. The requirements of this degree are very specific and no sending institution offers enough specialised courses to fulfill the requirements for this path.

A quick glance at the geography programs offered at the receiving institutions show that eight of the ten offer specialisations.¹⁰ These specialisations have specific first and second year requirements to insure students have the skillset to successfully complete the courses associated with those options. This makes the substitution of courses more difficult and reduces significantly the usefulness of a FPM if it can only be applied to a general geography stream. Some pairs of institutions could potentially require a FPM for each thematic option offered. For example, a student wanting to pursue the International Studies specialisation at UFV would require a different set of required courses, and therefore a potentially different FPM, than a student wanting to pursue the Environmental Science option.

To complicate things further, students may pursue a geography major under the Bachelor of Arts at all ten receiving institutions and under a Bachelor of Science at six of them. Each of the science degrees has its own specialisations with its own unique requirements which could potentially mean multiple FPMs.

¹⁰ The number of credits needed to complete a thematic option varies from one institution to another. The terms thematic option, concentration, or stream are also used to define a specialisation.

On the other hand, due to the historical reasons highlighted above, a handful of institutions offer all the courses that are required by some sending institutions. These institutions are perfectly matched and it can be safely assumed that most students attending these sending institutions transfer to the matching receiving institution, if not for the course symmetry, for geographical proximity (Table 2).

Table 2
Sending Institutions Fulfilling All Receiving Institutions' Requirements

Sending Institution	Receiving Institution
Camosun	UVIC
Douglas	SFU (BA), UFV, UVIC
KPU	SFU, UFV
NWCC	SFU, UVIC (BSc)
OC	UBCO, UBCV (BSc), UVIC (BA)

These matching institutions would therefore not benefit from a FPM since students can already complete all the required courses at the sending institution and be ready to directly enter into most geography major programs at the receiving institution. The institutions that do not have this symmetry are therefore prime candidates for a FPM since students will be missing one or more lower level courses to enter a major at a receiving institution.

Disciplinary Subjects Cross-referencing Analysis

The intention behind the FPM is to insure that students who have gained a certain amount of knowledge and skills in their first two years of college or university have the foundations to enter a geography major program even if they haven't completed all the specific course requirements, provided they have accumulated the minimum number of credits to enter into the third year of that program. Students attending a sending institution offering a full spectrum of geography courses with some courses that do not transfer directly to a receiving institution, but cover similar subject areas, would benefit from a FPM. For example, it can be argued that a student who has completed a first year human geography themed course with no direct transfer credit to a particular receiving institution, should have acquired a sufficient geographical knowledge base to take an upper level course with a first year human geography prerequisite at that institution.

A second analysis was therefore conducted considering the disciplinary subjects that are required by receiving institutions. This, in theory, should increase the number of institutions that could take part in a FPM since several courses at the second year level, although providing similar skills and knowledge to students, do not transfer directly to a receiving institution often due to the specialisation or interest of a faculty member shaping the exact content of a course. To that effect, all lower level courses from all post-secondary institutions were categorised

according to their disciplinary subject. In total, 26 different subject areas were identified (Table 3).

Table 3
Disciplinary Subjects Covered in Lower Level Geography Courses at Sending and Receiving Institutions

A. Intro to Human Geography	N. Quantitative Methods/Statistics
B. Intro to Physical Geography	O. Qualitative Methods
C. Economic Geography	P. Remote Sensing/Cartography
D. Cultural Geography	Q. GIS
E. Social Geography	R. Human Interaction with natural environment
F. Urban Geography	S. Regional Geography (provincial)
G. Geomorphology	T. Regional Geography (national)
H. Hydrology	U. Regional Geography (international)
I. Weather-Climate	V. Environment, Society and Sustainability
J. Biometeorology	W. Resource Management
K. Biogeography	X. Historical Geography
L. Climatology and Biogeography	Y. Migration and Settlement
M. Climatology and Hydrology	Z. Coastal Processes

Table 5.1 and 5.2 (Appendix V) show the requirements by disciplinary subject of the various geography majors at BC’s universities and the subjects offered at sending institutions respectively. Table 5.3 cross-references the previous two tables providing the information in the same way as Table 2.1 in Appendix II does for the course by course analysis.

An examination of Table 5.3 reveals that although there is more symmetry between sending and receiving institutions, a number of gaps still exist. Table 4 below shows the sending institutions that fulfill all the subject requirements of the receiving institutions.

Table 4
Sending Institutions Matching Receiving Institutions’ Disciplinary Subject Requirements

Sending Institution	Receiving Institution
Camosun	SFU (BSc), TWU, UFV, UNBC (BSc), UVIC (BA & BSc)
CNC	TWU, UBCV (BSc)
Douglas	TWU, SFU (BA, BSc Env), UBC (BSc), UFV, UNBC, UVIC
KPU	TWU, SFU (BSc), UFV (BSc)
Langara	TWU, UBCV (BA), UFV (BA International)
NWCC	TWU, SFU (BA), TRU, UFV, UBCV (BA), UVIC (BSc)
OC	TWU, SFU (BA), UFV (all except BA International), UBCV (BA), UBCO, UVIC (BSc)

Although there are potential matches between sending and receiving institutions, this doesn’t insure the automatic implementation of a FPM between these institutions. There is still an

inherent complexity in implementing a FPM due to the many specialisations offered at receiving institutions that require students to have a more focussed knowledge base. As shown in Table 4 above, a FPM between Langara College and UBC Vancouver would only cover the BA Human Geography option but not the BA Environment and Sustainability nor the BSc program. Similarly, a FPM between Okanagan College and University of the Fraser Valley could cover all programs except the BA with a specialisation in International Studies. These institutions would also have to agree that the content of one or more courses from a sending institution do provide students with adequate preparation to undertake their upper level courses.

Geography Articulators Questionnaire

The purpose of the questionnaire sent to all post-secondary institutions was to gauge the need and interest of adopting a FPM, identify potential institutional barriers that may hinder the adoption of a FPM, and finally to assess whether there was an interest in formulating a potential FPM on a course by course basis or by defining a set of learning outcomes.

There was no overwhelming support in favour of developing a FPM. Only two respondents opined that a FPM would be useful while two others thought it might benefit transferring students. The remaining respondents did not have an opinion either way or did not believe the FPM was necessary or worth the effort. The low response rate, especially from the receiving institutions, may offer an indication as to the level of interest in pursuing the adoption of a FPM.

A number of barriers or issues were identified with the potential implementation of a FPM by several respondents. The most common concern was a resistance to change at the department level and possibly from their institution's administration. There was also some concern that the FPM would add another layer of paperwork requiring time to administer. Courses with low enrolments that are sometimes cancelled were an issue for three institutions – what if that happens to a course that is part of the FPM? Three respondents expressed the fear that resources may be placed in courses that are part of an FPM agreement and hamper the allocation of resources to the creation of innovative programming or new curriculum development. Although a majority identified resistance to change as an impediment, course or program changes that may be required to partake in a FPM wouldn't significantly disadvantage one institution more than another. This administrative process averages about six months.

A consensus emerged regarding the method that should be used to implement a FPM. All but one respondent agreed that a FPM should be based on direct course transferability and not on learning outcomes. Considering that the content of course outlines is not standardised between, and sometimes within, institutions, a FPM based on learning outcomes may prove difficult to craft, consequently necessitating more work than some institutions may be able to undertake.

Regarding the number of students who could potentially benefit from a FPM, the respondents could not provide any figures pertaining to the number of students transferring to a receiving institution with the intention of completing a geography major. This would require an exit type survey specifically for students who took geography courses at a sending institution; to my knowledge, this is not available. Table 5 shows the number of geography majors currently enrolled at a receiving institutions, however, the information regarding their detailed academic history (such as missing lower level courses needed to declare a major) is not available in any useful statistical form.

The only such information available was gathered after much effort from the student database at UBCO. It shows that out of 79 geography majors registered in 2014, twenty had transferred from Okanagan College, seven transferred from universities in other provinces and eleven transferred from various institutions in British Columbia. One cannot generalise based on one sample, but if this scenario is similar at other institutions, only a small percentage of geography students could potentially take advantage of a FPM. Without clear data, it is difficult to support the implementation of an FPM.

Table 5
Number of Geography Majors Registered at Receiving Institutions

Institution	Number of Majors	Institution	Number of Majors	Institution	Number of Majors
UBCO	79	SFU	403	TRU	27
UBCV	444	UNBC	32	TWU	26
UCFV	27	UVIC	422	VIU	51

Source: [Directory of the Canadian Association of Geographers.](#)

It is fair to conclude that there is little support for the implementation of a FPM amongst the geographers currently sitting on the Articulation Committee.

Conclusion

By its very nature, geography embraces a diversity of approaches to understand spatial phenomena which are reflected in the diversity of specialisations offered at receiving institutions. Although core courses in human and physical geography offered at sending institutions are comparable to the ones offered and required at receiving institutions, specific courses, most of them at the second year level, are often required to pursue a specialisation. In many cases, the problem doesn't lie with the number of courses offered at an institution, the year level of a course, or whether it transfers directly; but with where a particular course fits within the specialisation a student may want to pursue at a receiving institution (providing they know what specialisation they want to pursue before transferring). The disciplinary subject analysis reveals that most sending institutions offer the breadth of courses that could constitute a FPM; however, the problem lies in having enough courses, or subject areas, that provide students with the

knowledge required to pursue a particular specialisation. To compound this problem, some second-year level courses are not offered every year but in rotation on a two year basis. This does not cause a problem for students who are completing an Associate of Arts with an emphasis in geography, which has general requirements, but could pose a problem if a student is trying to match courses stipulated in a FPM. Geography degrees offered under the umbrella of a BSc are also problematic due to their even more specific requirements.

The information provided in Table 4 shows that, based on disciplinary subject areas, some institutions may be able to partake in limited FPM agreements. However, an examination of this data also suggests that a FPM may be confusing to students and academic advisors since a FPM agreement that applies to one student wanting to pursue a major in a particular specialisation may not apply to another student transferring to the same institution but interested in a different specialisation.

To facilitate the implementation of a geography FPM, lower level geography courses and specialisations could be streamlined to insure more commonality between post-secondary institutions in British Columbia. Not only would this take some work, but there may be some resistance to do so. The diversity of courses and specialisations offered in geography is a testament to the breadth of our discipline which gives it its strength. This plurality, which at times may leave us struggling to clearly articulate what geographers do, provides the flexibility that serves our students well. It provides them with the multi-disciplinary background and an understanding of the complex spatial processes that shape and constantly reshape our world. This training will be increasingly required to face the future societal challenges that awaits our graduates.

Appendix I

Geography Programs Websites

BRITISH COLUMBIA POST-SECONDARY INSTITUTIONS	GEOGRAPHY PROGRAM/GEOGRAPHY COURSES WEBSITE
Universities	
Capilano University	http://www.capilano.ca/geography/
Kwantlen Polytechnic University	http://www.kpu.ca/arts/geography
Royal Roads University	N/A
Simon Fraser University	http://www.sfu.ca/geography/
Thompson River University	https://www.tru.ca/arts/geography.html
Trinity Western University	https://www.twu.ca/academics/fhss/geography-department/
University of British Columbia (Vancouver)	http://www.geog.ubc.ca/
University of British Columbia (Okanagan)	http://www.ubc.ca/okanagan/ikbarberschool/programs/undergradprograms/geography.html
University of the Fraser Valley	https://www.ufv.ca/geography/
University of Northern British Columbia	http://www.unbc.ca/geography
University of Victoria	http://www.uvic.ca/socialsciences/geography/index.php
Vancouver Island University	https://www2.viu.ca/geography/
Colleges	
Camosun College	http://camosun.ca/learn/programs/geography/
College of New Caledonia	http://www.cnc.bc.ca/CNC_Programs/geography.htm
College of the Rockies	https://www.cotr.bc.ca/university/listpage.asp?pg=program&program=GEOGRAPHY%20%28GEOG%29%20/%20GEOLOGY%20%28GEOL%29
Coquitlam College	http://www.coquitlamcollege.com/coursecats/view/1
Douglas College	http://www.douglascollege.ca/programs-courses/faculties/humanities-social-sciences/geography
Langara College	http://www.langara.bc.ca/programs-and-courses/programs/geography/index.html
North Island College	https://www.nic.bc.ca/programs/courses.aspx?subj=GEO
Northern Lights College	http://www.nlc.bc.ca/Programs/AcademicandProfessionalPrograms/UniversityArtsandSciencesCourses-All.aspx
Northwest Community College	http://www.nwcc.bc.ca/courses?field_course_interest_tid=100
Okanagan College	http://www.okanagan.bc.ca/Programs/Areas_of_Study/arts/Departments/geogees.html
Selkirk College	http://www.selkirk.bc.ca/uas/uas-courses-subjects?c=GEOG#courses
Vancouver Community College	N/A

Appendix II

Program Requirements Cross Tabulation

Table 2.1 Number of Geography Courses from Sending Institutions Satisfying Lower Level Geography Requirements at Receiving Institutions

Receiving Sending	SFU BA		SFU BSc				TRU BA ¹	UBCV BA		UBCV BSc	UBCO
	General	Env. Spec.	Biogeo-physical	Geoscience	Phys. Geog.	GIS	General	Env. & Sust.	Human	General	General
Camosun	5/6 ²	5/6	4/6	6/7	4/7	4/6	4/7	4/6	3/5	2/5	3/6
CNC	4/6	4/6	4/6	4/7	3/7	3/6	5/7	3/6	3/5	1/5	4/6
Coquitlam	4/6	4/6	3/5	3/7	3/6	3/6	2/7	2/6	4/5	0/5	4/6
COTR	2/6	2/6	2/6	3/7	2/7	2/6	4/7	3/6	2/5	1/5	3/6
Douglas	6/6	6/6	5/6	3/7	5/7	5/6	5/7	5/6	4/5	4/5	4/6
Langara	5/6	4/6	4/6	5/7	4/7	5/6	3/7	3/6	3/5	1/5	5/6
NIC	3/6	3/6	3/6	4/7	3/7	3/6	1/7	2/6	2/5	0/5	3/6
NLC	4/6	4/6	4/6	3/7	4/7	3/6	5/7	4/6	3/5	1/5	4/6
NWCC	6/6	6/6	5/6	7/7	5/7	4/6	3/7	5/6	5/5	3/5	4/6
OC	6/6	5/6	5/6	6/7	4/7	5/6	6/7	5/6	5/5	1/5	6/6
Selkirk	4/6	3/6	3/6	3/7	3/7	2/6	4/7	2/6	2/5	0/5	3/6
CapU	5/6	4/6	4/6	5/7	4/7	3/6	5/7	3/6	3/5	2/5	3/6
KPU	6/6	6/6	5/6	7/7	5/7	5/6	6/7	5/6	2/5	3/5	4/6

¹ TRU offers three streams, however, lower level courses requirements are common to all three.

² 5/6 = # of geography courses offered at sending institution fulfilling the major requirements at receiving institution/# of geography courses required at receiving institution to fulfill the major requirements.

Table 2.1 Number of Geography Courses from Sending Institutions Satisfying Lower Level Geography Requirements at Receiving Institutions (Cont'd)

Receiving Sending	UFV BA			UFV BSc	UNBC BA	UNBC BSc	UVIC BA				
	General	Env. Sc.	Intl Studies	General	General	General	General	Coastal Studies	Env & Sust	Geomatics	Urb, Hlth & Dvlpt Studies
Camosun	4/7	3/5	6/8	6/8	7/9	5/6	8/8	8/8	8/8	9/9	8/8
CNC	4/7	4/5	4/8	3/8	5/9	3/6	5/8	5/8	4/8	5/9	5/8
Coquitlam	2/7	2/5	2/8	2/8	4/9	2/9	5/8	5/8	4/8	5/9	5/8
COTR	3/7	3/5	3/8	3/8	4/9	3/6	2/8	2/8	1/8	2/9	2/8
Douglas	7/7	5/5	7/8	8/8	8/9	5/6	7/8	7/8	6/8	8/9	7/8
Langara	5/7	5/5	5/8	6/8	7/9	5/6	6/8	6/8	6/8	6/9	6/8
NIC	3/7	3/5	3/8	3/8	5/9	4/6	5/8	5/8	5/8	5/9	3/8
NLC	5/7	4/5	4/8	4/8	6/9	4/6	4/8	4/8	3/8	5/9	4/8
NWCC	5/7	4/5	5/8	5/8	8/9	4/6	7/8	7/8	6/8	7/9	6/8
OC	2/7	2/5	2/8	2/8	6/9	4/6	7/8	7/8	6/8	7/9	7/8
Selkirk	3/7	2/5	3/8	2/8	5/9	3/6	4/8	4/8	3/8	4/8	4/8
CapU	5/7	5/5	4/8	5/8	7/9	5/6	6/8	6/8	5/8	6/9	5/8
KPU	7/7	5/5	7/8	7/8	8/9	4/6	7/8	7/8	6/8	7/9	6/8

Table 2.1 Number of Geography Courses from Sending Institutions Satisfying Lower Level Geography Requirements at Receiving Institutions (cont'd)

Receiving Sending	UVIC BSc				VIU BA			VIU BSc	TWU BA
	Coastal Studies	Env & Sust	Geomatics	Phys Geog	General	Nat. Mgnt	Urban & Rgnl Mgnt	General	General
Camosun	9/9	9/9	9/9	9/9	5/8	5/8	5/8	1/4	1/3
CNC	5/9	4/9	5/9	5/9	2/8	2/8	2/8	0/4	0/3
Coquitlam	4/9	4/9	4/9	4/9	1/8	1/8	0/8	0/4	0/3
COTR	2/9	1/0	2/9	2/9	1/8	1/8	1/8	1/4	0/3
Douglas	8/9	7/9	8/9	8/9	4/8	4/8	4/8	1/4	0/3
Langara	4/9	4/9	4/9	4/9	2/8	2/8	3/8	1/4	0/3
NIC	5/9	5/9	5/9	5/9	3/8	4/8	4/8	3/4	0/3
NLC	4/9	3/9	4/9	4/9	3/8	4/8	4/8	3/4	0/3
NWCC	7/9	6/9	7/9	7/9	3/8	4/8	3/8	2/4	0/3
OC	7/9	6/9	7/9	7/9	4/8	5/8	4/8	2/4	1/3
Selkirk	3/9	2/9	3/9	3/9	2/8	1/8	2/8	1/4	0/3
CapU	6/9	5/9	6/9	6/9	4/8	5/8	4/8	2/4	1/3
KPU	7/9	6/9	7/9	7/9	0/8	1/8	1/8	0/4	0/3

Appendix III

Geography Program Requirements and Courses at BC Post-secondary Institution

Table 3.1: Capilano University

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
CapU	YES	NO	7/21	10/28.5	Associate of Arts Degree offered but not with an emphasis in Geography	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 100 Human Geography: People, Places and Cultures (3)
							GEOG 101 Environmental Geography: Perception and Change (3)
							GEOG 102 Environmental Geography: Global Concerns (3)
							GEOG 106 British Columbia: A Regional Analysis (3)
							GEOG 107 Introduction to North America (3)
							GEOG 112 Introduction to Earth Environments (3)
							GEOG 114 Weather and Climate (3)
							GEOG 200 Geographical Approaches to the Global Economy (3)
							GEOG 201 Urban Studies (3)
							GEOG 202 Urban Field Studies (1.5)
							GEOG 205 Rising Giants: The Global Shift to China and India (3)
							GEOG 208 Canada: A Nation of Regions (3)
							GEOG 210 Natural Hazards (3)
							GEOG 212 Geomorphology: Landforms and the Processes that Shape Them (3)
							GEOG 214 Our Atmospheric Environment (3)
GEOG 221 Map and Airphoto Interpretation (3)							
GEOG 249 Selected Regions (3)							

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.2: Kwantlen Polytechnical University

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
KPU	YES	NO	4/12	11/33	Requirements for Associate of Arts Degree	Requirements for Associate of Science Degree	GEOG 1101 Human Geography (3)
					<i>Geography Emphasis</i>	<i>Geography Emphasis</i>	GEOG 1110 Atmospheric Science (3)
					GEOG 1101	GEOG 1110	GEOG 1120 Earth Science (3)
					GEOG 1110	GEOG 1120	GEOG 1160 Geography of British Columbia (3)
					GEOG 1120	CHEM 1110	GEOG 2140 Regional Geography of Canada (3)
					GEOG 2390	CHEM 1210	GEOG 2170 Regional Geography of Europe (3)
					GEOG 2400	Two of: BIOL 1110, BIOL 1210, CHEM 1105, CPSC 1100, CPSC 1103, CPSC 1204, MATH 1112, MATH 1115, PHYS 1100, PHYS 1101, PHYS 1102, PHYS 1170, PHYS 1220	GEOG 2185 Regional Geography of East Asia (3)
					One of: GEOG 2120, 2130, 2250		GEOG 2190 Regional Geography of South Asia (3)
					One of: GEOG 2310, 2320, 2340		GEOG 2250 The City (3)
					One of: GEOG 1160, 2140, 2170, 2185, 2190		GEOG 2310 Climatology (3)
						GEOG 2310	GEOG 2320 Geomorphology (3)
						GEOG 2320	GEOG 2330 Hydrology (3)
						Two of: GEOG 2330, 2340, 2390, 2400	GEOG 2340 Biogeography (3)
						Two of: BIOL 2320, BIOL 2321, BIOL 2322, BIOL 2330, BIOL 2421, CHEM 2311, CHEM 2315, CHEM 3310, CHEM 2410, CPSC 2405, GEOG 2330, GEOG 2340, GEOG 2390, GEOG 2395, GEOG 2400, MATH 2232, MATH 2315, MATH 2321, MATH 2331, MATH 2335, MATH 3322, MATH 3421, PHYS 2101, PHYS 2201, PHYS 2330, PHYS 2420, PHYS 2421, PHYS 2424	GEOG 2390 Geog. Data Analysis (3)
							GEOG 2400 Introduction to GIS (3)

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.3: Simon Fraser University

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
SFU	YES	YES	6/18	12/36	Bachelor of Arts	Bachelor of Science	GEOG 100 Society, Space, Environment: Introducing Human Geography (3)
					GEOG 100	GEOG 100	GEOG 102 World Problems in Geographic Perspective (3)
					GEOG 111	GEOG 111	GEOG 104 Climate Change, Water, and Society (3)
					GEOG 221	<i>Biogeophysical Stream</i>	GEOG 111 Earth Systems (3)
					GEOG 241	Two of: 213, 214, 215	GEOG 150 STT-GIS and the Digital Earth (3)
					One of: GEOG 213, 214, 215	One of: GEOG 221, 241	GEOG 162 Canada (3)
					One of: GEOG 251, 253, 255	One of: GEOG 253, 255	GEOG 213 Introduction to Geomorphology (3)
					<i>Environmental Specialty</i>	<i>Geoscience Stream</i>	GEOG 214 Weather and Climate (3)
					GEOG 100	GEOG 213	GEOG 215 Biogeography (3)
					GEOG 111	GEOG 214	GEOG 221 Economic Geography (3)
					GEOG 215	GEOG 215	GEOG 241 Social Geography (3)
					GEOG 221	GEOG 221	GEOG 251 Quantitative Geography (3)
					GEOG 241	One of: GEOG 253, 255	GEOG 253 Introduction to Remote Sensing (3)
					One of: GEOG 251, 253, 255	<i>Physical Geography and Spatial Information Science Stream</i>	GEOG 255 Geographical Information Science I (3)
						GEOG 253 and 255	GEOG 261 Introduction to Urban Geography (3)
						Two of: GEOG 213, 214, 215	GEOG 264 Canadian Cities (3)
						One of: GEOG 221, 241	GEOG 265 Geography of British Columbia (3)
	<i>Geographic Information Science Stream</i>						
	GEOG 253 and 255						
	One of: GEOG 213, 214, 215, 221, 241, 261						
	One of: GEOG 251 or STAT 270						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.4: Thompson Rivers University

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
TRU	YES	YES	8/24	11/33	Bachelor of Arts	Bachelor of Science not offered	GEOG 1000 Planet Earth: An Introduction to Earth System Science (3)
					GEOG 1190		GEOG 1010 People, Places and Landscapes: Introducing Human Geography (3)
					GEOG 1200		GEOG 1100 Environmental Studies: Human Interaction with the Natural Environment (3)
					GEOG 1120		GEOG 1110 World Regional Geography (3)
					GEOG 1220		GEOG 1120 Earth's Lands and Waters (Geomorphology) (3)
					GEOG 2700		GEOG 1190 Introduction to Human Geography: Geographical Change in the Modernizing World (3)
					Two of: GEOG 2050, 2100, 2120, 2220, 2230, 2740, 2750		GEOG 1200 Introduction to Human Geography: Themes in Geographical Change (3)
							GEOG 1220 Climatology and Biogeography (3)
							GEOG 2020 Weather, Climate and Global Environmental Change (3)
							GEOG 2050 Introduction to Hydrology (3)
							GEOG 2100 Human Interaction with the Natural Environment (3)
							GEOG 2110 Economic Geography (3)
							GEOG 2120 Geography in an Urban World (3)
							GEOG 2220 The Regional Geography of Canada (3)
							GEOG 2230 The Regional Geography of British Columbia and Yukon (3)
							GEOG 2400 Geographic Thought (3)
							GEOG 2700 Introduction to Geographical Analysis (3)
	GEOG 2740 Understanding the World through Images and Measures (3)						
	GEOG 2750 Geographic Information Systems (3)						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.5: Trinity Western University

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1st and 2nd Year Requirements		Course Names
					ARTS	SCIENCE	
TWU	YES	YES	3/9	4/12	Bachelor of Arts	Bachelor of Science not offered	GEOG 111 Human Geography and Global Change (3 sem. hrs.)
					<i>General Geography</i>		GEOG 121 Earth and Atmospheric Science (3 sem. hrs.)
					GEOG 121 or 131		GEOG 131 Global Environmental Issues (3 sem. hrs.)
					GEOG 111 or 212		GEOG 212 Urbanization Issues of Developing Countries (3 sem. hrs.)
					GEOG 230 or 282		GEOG 220 Geology of the Vancouver Region (3 sem. hrs.)
							GEOG 230 Geography of Canada (3 sem. hrs.)
							GEOG 282 Geographic Information Systems (3 sem. hrs.)

- Notes:** 1. #1/CR = Number of first year courses and credits. 3 sem. hrs. = 3 credits.
 2. #2/CR = Number of second year courses and credits. 3 sem. hrs. = 3 credits.

Table 3.6: The University of British Columbia - Vancouver

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
UBCV	YES	YES	4/12	11/33	Bachelor of Arts	Bachelor of Science	GEOG 121 Geography, Modernity and Globalization I (3)
					<i>Environment and Sustainability Stream Concentration</i>	<i>Geographical Biogeosciences Major</i>	GEOG 122 Geography, Modernity and Globalization II (3)
					Two of: GEOG 121, 122, 210 or 211	BIOL 121	GEOG 210 Vancouver and Its Region (3)
					Two of: GEOB 102, 103 or PHYS 100	CHEM 121	GEOG 211 The State of the Earth (3)
					GEOB 270	CHEM 123	GEOG 220 Geopolitics (3)
					One of: GEOB 200, 204, 206, 207	MATH 100 or 102 or 104	GEOG 250 Cities (3)
					<i>Human Geography Concentration</i>	MATH 101 or 103 or 105	GEOG 281 Geography of the Pacific Rim (3)
					Three of: GEOG 121, 122, 210, 211 or 290	PHYS 101	GEOG 290 Introduction to the Geography of Canada (3)
					GEOB 102	GEOB 200 or 204	GEOB 102 Our Changing Environment: Climate and Ecosystems (3)
					GEOB 103	GEOB 206	GEOB 103 Our Changing Environment: Water and Landscapes (3)
						GEOB 207	GEOB 200 Atmospheric Environments (3)
						GEOB 270	GEOB 204 Introduction to Biometeorology (3)
						MATH 200 or 221 or EOSC 211	GEOB 206 Geomorphic Processes and Hazards (3)
							GEOB 207 Introduction to Biogeography (3)
		GEOB 270 Geographic Information Science (3)					

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.7: The University of British Columbia - Okanagan

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
UBCO	YES	YES	4/12	13/39	Bachelor of Arts	Bachelor of Science not offered	GEOG 108 Introduction to Physical Geography I (3)
					GEOG 108		GEOG 109 Introduction to Physical Geography II (3)
					GEOG 109		GEOG 128 Human Geography: Space, Place, and Community (3)
					GEOG 128		GEOG 129 Human Geography: Resources, Development, and Society (3)
					GEOG 129		GEOG 200 Atmospheric Environments (3)
					One of: GEOG 271, 272		GEOG 205 Introduction to Hydrology (3)
					Three additional credits of second year GEOG		GEOG 207 Introduction to Biogeography (3)
							GEOG 213 Introduction to Environmental Issues (3)
							GEOG 217 Regional Geography of British Columbia (3)
							GEOG 222 Geomorphology (3)
							GEOG 250 Introduction to Urban Geography (3)
							GEOG 255 Space and Culture (3)
							GEOG 261 Economic Geography (3)
							GEOG 265 Tourism and Recreation Geography (3)
							GEOG 271 Geographic Data Analysis (3)
							GEOG 272 Cartography and Remote Sensing (3)
	GEOG 290 Introduction to the Geography of Canada (3)						

- Notes:**
1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.8: University of the Fraser Valley

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
UFV	YES	YES	7/24	13/43	Bachelor of Arts	Bachelor of Science	GEOG 101 Weather and Climate (4)
					GEOG 101	GEOG 101	GEOG 102 Evolution of the Earth's Surface (4)
					GEOG 102 or GEOG 116	GEOG 102 or GEOG 116	GEOG 105 Natural Hazards and Hollywood (3)
					GEOG 140	GEOG 140	GEOG 116 Introduction to Geology (4)
					GEOG 201 or GEOG 202	GEOG 201	GEOG 130 Geography of Canada (3)
					GEOG 241 or GEOG 242	GEOG 202	GEOG 131 British Columbia (3)
					GEOG 252 and 253	GEOG 211 or GEOG 257	GEOG 140 Human Geography (3)
					<i>Environmental Studies Concentration</i>	GEOG 252	GEOG 201 Introduction to Climatology (4)
					GEOG 101	GEOG 253	GEOG 202 Introduction to Geomorphology (4)
					GEOG 102 or GEOG 116	ONE of: STAT 104, 106 or 270	GEOG 211 Environmental Science (3)
					GEOG 140	ONE of: PHYS 101, 105 or 111	GEOG 233 Geography of Selected Regions (3)
					GEOG 201 or GEOG 202	ONE pair of: BIO 111 and 112 or CHEM 113, 114	GEOG 240 World Regional Geography (3)
					One of: GEOG 211, 257 or BIO 210, GEOG 242, 252, 253		GEOG 241 Social Geography (3)
					One of: STAT 104, STAT 106 or PSYC 110		GEOG 242 Economic Geography (3)
					<i>International Studies Concentration</i>		GEOG 250 Geographic Skills for the Workplace (3)
					GEOG 101		GEOG 252 Explanation in Geography: Quantitative Methods (4)
					GEOG 102 or GEOG 116		GEOG 253 Introduction to Geographic Information Systems (4)
					GEOG 140		GEOG 257 Environment: Science and Communications (3)
					GEOG 201 or GEOG 202		GEOG 270 Field Techniques in Human Geography (3)
					GEOG 240		GEOG 271 Field Techniques in Physical Geography (3)
GEOG 241 or GEOG 242							
GEOG 252 and GEOG 253							
One of: STAT 104, STAT 106 or PSYC 110							

Notes: 1. #1/CR = Number of first year courses and credits. 2. #2/CR = Number of second year courses and credits.

Table 3.9: University of Northern British Columbia

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
UNBC	YES	YES	3/7	9/27	Bachelor of Arts	Bachelor of Science	GEOG 100 Environments and People: The Geography of Natural Hazard (3)
					GEOG 100	GEOG 100	GEOG 101 Human Geographies of Global Change (3)
					GEOG 101	GEOG 101	GEOG 111 Theory and Practice of Physical Geography (1)
					GEOG 200	GEOG 111	GEOG 200 Geography of BC (3)
					GEOG 203	BIOL 103 and 123; or BIOL 110	GEOG 202 Economic Geography of Resources and Sustainability (3)
					GEOG 204	CHEM 100, 101, 120, 121	GEOG 203 Roots, Ruggedness, and Rituals: A Geography of Canada (3)
					GEOG 210	MATH 100 and 101	GEOG 204 Introduction to GIS for the Social Sciences (3)
					Four of: GEOG 202, 205, 206, 209, 220, 222	PHYS 100 or PHYS 110	GEOG 205 Cartography and Geomatics (3)
					Math 240 or ECON 205	GEOG 200	GEOG 206 Society and Space (3)
						GEOG 205	GEOG 207 Historical Geography of Canada (3)
						GEOG 210	GEOG 209 Migration and Settlement (3)
						STAT 240	GEOG 210 Geomorphology (3)
						ENSC 201	GEOG 220 World Regions: Latin America and the Caribbean (3)
						FSTY 205	GEOG 222 World Regions: Russia (3)
							ENSC 201 Weather and Climate (3)
							FSTY 205 Introduction to Soil Science (3)

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.10: University of Victoria

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
UVIC	YES	YES	3/6	10/15	Bachelor of Arts	Bachelor of Science	GEOG 101A Environment, Society, and Sustainability (1.5)
					GEOG 101A	GEOG 101A	GEOG 101B Introduction to Human Geography (1.5)
					GEOG 101B	GEOG 101B	GEOG 103 Introduction to Physical Geography (1.5)
					GEOG 103	GEOG 103	GEOG 209 Introduction to Resource Management (1.5)
					GEOG 226	MATH 100 or 102	GEOG 211 Economic Geography (1.5)
					At least two from GEOG 209, 211, 218	MATH 100 or 102	GEOG 218 Cultural Geography (1.5)
					At least one from GEOG 272, 274, 276	GEOG 222, 226, 228	GEOG 219 Geography of British Columbia (1.5)
					GEOG 222	At least two from GEOG 272, 274, 276	GEOG 222 Introduction to Geographical Information (1.5)
					<i>Coastal Studies Concentration</i>	At least one from GEOG 209, 211, 218	GEOG 226 Introduction to Quantitative Methods in Geography (1.5)
					General BA requirements above and: GEOG 252	<i>Coastal Studies Concentration</i>	GEOG 228 Digital Geomatics (1.5)
					<i>Environmental and Sustainability Concentration</i>	General BSc requirements above and GEOG 252	GEOG 252 Introduction to Coastal Geography
					General BA requirements above and GEOG 209	<i>Environment and Sustainability Concentration</i>	GEOG 272 Introduction to Climatology and Hydrology (1.5)
					<i>Geomatics Concentration</i>	General BSc requirements above and GEOG 209	GEOG 274 Introduction to Biogeography (1.5)
					General BA requirements above and GEOG 222, 226 and 228.	<i>Geomatics Concentration</i>	GEOG 276 Introduction to Geomorphology (1.5)
					<i>Urban Health and Development Studies Concentration</i>	General BSc requirements above and GEOG 222, 226, and 228	
General BA requirements above and GEOG 211 and 218	<i>Physical Geography Concentration</i>						
	General BSc requirements above and GEOG 272, 274, and 276						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.11: Vancouver Island University

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
VIU	YES	YES	2/6	8/24	Bachelor of Arts	Bachelor of Science	GEOG 100 World Regional Geography (3)
					<i>General Geography Stream</i>	<i>Geoscience Major</i>	GEOG 101 Environmental Geography (3)
					GEOG 100 and 101	Six Credits 100-level English	GEOG 211 Atmospheric Environments (3)
					GEOG 211	MATH 100 or 111	GEOG 212 Earth Environments (3)
					GEOG 212	MATH 101 or 122	GEOG 221 Statistical Methods in Geography (3)
					GEOG 221	One non science elective	GEOG 226 Spatial Analysis for the Environmental Sciences (3)
					GEOG 228	CHEM 140	GEOG 228 Spatial Analysis (3)
					GEOG 230	CHEM 141 or 142	GEOG 230 Cultural Geography (3)
					GEOG 240	GEOG 101	GEOG 240 Economic Geography (3)
					<i>Natural Management Stream</i>	GEOL 111	GEOG 290 Regions of Canada (3)
					GEOG 100 and 101	GEOL 112	
					GEOG 211	GEOL 115	
					GEOG 212	GEOG 211	
					GEOG 221	GEOG 212	
					GEOG 228	GEOG 228	
					GEOG 240	GEOL 200	
					GEOG 290	GEOL 201	
					<i>Urban and Regional Management Stream</i>	GEOL 202	
					GEOG 100 and 101	GEOL 206	
					GEOG 211	MATH 211	
GEOG 212							
GEOG 221							
GEOG 228							
GEOG 230							
GEOG 290							

Notes: 1. #1/CR = Number of first year courses and credits. 2. #2/CR = Number of second year courses and credits.

Table 3.12: Camosun College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
Camosun	YES	NO	5/15	14/43	Associate of Arts Degree offered but not with an emphasis in Geography	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 100 Ecosystems and Human Activity (3)
							GEOG 102 Human Geography (3)
							GEOG 103 Globalization & World Regions (3)
							GEOG 105 Geography of British Columbia (3)
							GEOG 111 Natural Hazards (3)
							GEOG 216 Quantitative Methods (4)
							GEOG 217 Maps and GIS (3)
							GEOG 218 Remote Sensing
							GEOG 219 Field Surveying (3)
							GEOG 220 Natural Resources Systems (3)
							GEOG 222 Economic Geography (3)
							GEOG 232 Cultural Geography (3)
							GEOG 236 Geography of Cities (3)
							GEOG 240 Globalization and Asia (3)
							GEOG 250 Latin America & the Caribbean (3)
							GEOG 260 Geographies of Development (3)
GEOG 272 Weather and Climate (3)							
GEOG 274 Biogeography (3)							
GEOG 276 Geomorphology (3)							

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.13: College of New Caledonia and College of the Rockies

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
CNC	NO	NO	3/9	5/15	Requirements for Associate of Arts Degree	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 101 Sense of Place: An Introduction to Human Geography (3)
					Six or more courses in GEOG (18 credits)		GEOG 102 Introduction to Contemporary Environmental and Resource Issues (3)
					Three of the six courses must be 2nd year		GEOG 103 Canada: Some Geographical Perspectives (3)
							GEOG 201 Weather and Climate (3)
							GEOG 202 The Surface of the Earth (3)
							GEOG 203 Economic Geography (3)
							GEOG 204 Forest and Agricultural Geography (3)
							GEOG 205 The Evolution of the Cultural Landscape (3)
COTR	NO	NO	1/3	3/9	Not enough GEOG courses offered for Associate Arts Degree	Not enough GEOG courses offered for Associate Science Degree	GEOG 101 Introduction to Physical Geography (3)
							GEOG 210 Geography of British Columbia (3)
							GEOG 211 Introduction to Geographic Information Systems (3)
							GEOG 212 Advanced Studies in Geographic Information Systems (3)

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.14: Coquitlam College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
Coquitlam	NO	NO	4/12	5/15	Associate of Arts Degree offered but not with an emphasis in Geography	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 100 Introduction to Human Geography (3) GEOG 101 Weather & Climate (3) GEOG 102 Introduction to Earth Science (3) GEOG 120 The Geography of Canada (3) GEOG 201 Economic Geography (3) GEOG 203 Environmental Geography (3) GEOG 204 Cultural Geography (3) GEOG 205 Geography of the Pacific Rim (3) GEOG 206 Urban Geography (3)

- Notes:**
1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.15: Douglas College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
Douglas	YES	NO	8/26	11/33	Requirements for Associate of Arts Degree	Associate of Science Degree offered but not with an emphasis in Geography, only in Earth and Environmental Science	GEOG 1100 Introduction to Human Geography (3)
					Six or more courses in GEOG (18 credits)		GEOG 1110 Weather and Climate (4)
					Three of the six courses must be 2nd year		GEOG 1120 Introduction to Earth Sciences (4)
							GEOG 1130 Human Impact on the Environment (3)
							GEOG 1160 The Geography of British Columbia (3)
							GEOG 1170 Introductory Cartography (3)
							GEOG 1180 The Geography of Canada (3)
							GEOG 1190 Selected Regions (3)
							GEOG 2210 Climatology (3)
							GEOG 2212 Economic Geography (3)
							GEOG 2213 Social Geography (3)
							GEOG 2220 Geomorphology (3)
							GEOG 2230 Biogeography (3)
							GEOG 2251 Quantitative Methods in Geography (3)
	GEOG 2270 Geographic Information Systems (GIS) (3)						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.16: Langara College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
Langara	YES	NO	10/30	8/24	Requirements for Associate of Arts Degree	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 1105 Field Techniques (3)
					GEOG 1180		GEOG 1120 Regional Geography of Canada (3)
					Two of: GEOG 1120, 1130, 1150, 1155, 1160, 1170		GEOG 1130 Urban Geography (3)
					One of: GEOG 1190, GEOL 1110		GEOG 1150 British Columbia: Resources and Regional Development (3)
					Three of: GEOG 2155, 2210, 2230, 2250, 2270, 2280, 2290		GEOG 1155 Environmental Geography
					One of: ENGL 1127, 1128		GEOG 1160 The Pacific Rim (3)
					One of: ENGL 1129, 1130		GEOG 1170 Introduction to Human Geography (3)
							GEOG 1180 Physical Geography: Meteorology, Climatology and Biogeography (3)
							GEOG 1190 Physical Geography: Geomorphology (3)
							GEOG 1195 Special Topics I (3)
							GEOG 2155 Resource and Environmental Management (3)
							GEOG 2210 Introduction to Geographic Techniques (3)
							GEOG 2230 Urban Canada (3)
							GEOG 2250 Economic Geography (3)
							GEOG 2270 Cultural Geography (3)
							GEOG 2280 Weather, Climate and Climate Change (3)
	GEOG 2290 Advanced Geomorphology (3)						
	GEOG 2295 Special Topics II (3)						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.17: North Island College and Northern Lights College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
NIC	YES	NO	4/12	6/18	Associate of Arts Degree offered but not with an emphasis in Geography	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 105 Physical Geography I (3)
							GEOG 106 Physical Geography II (3)
							GEOG 111 Environment, Society and Sustainability (3)
							GEOG 112 Introduction to Human Geography (3)
							GEOG 200 Geography of Canada (3)
							GEOG 205 Geography of British Columbia (3)
							GEOG 210 Natural Resources Management I: Introduction (3)
							GEOG 211 Natural Resources Management II: Wildlife (3)
							GEOG 214 Biogeography (3)
							GEOG 215 Society and the Environment (3)
NLC	NO	NO	5/15	3/9	Associate of Arts Degree offered but not with an emphasis in Geography	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 100 Introduction to Human Geography: Places and Regions in Global Context (3)
							GEOG101 Society and the Environment (3)
							GEOG103 The Regional Geography of Canada (3)
							GEOG112 Physical Geography: Surface of the Earth (3)
							GEOG114 Physical Geography: Weather and Climate (3)
							GEOG240 Social Geography (3)
							GEOG250 Cartography: Map and AirPhoto Interpretation (3)
GEOG260 Introduction to GIS (3)							

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.18: Northwest Community College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
NWCC	NO	NO	6/21	13/39	Requirements for Associate of Arts Degree	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 050 Provincial Geography (6)
					BIOL 101		GEOG 110 People and the Environment (3)
					BIOL 102		GEOG 111 Introduction to Human Geography (3)
					BIOL 210 or BIOL 208 or BIOL 2XX or OCGY 2XX		GEOG 112 Environments and Planning (3)
					BIOL 211 or GEOG 202		GEOG 150 Physical Geography I: Biogeography, Meteorology and Climatology (3)
					CPSC 111 or CHEM 230 or MATH 235 or GEOG 110		GEOG 160 Physical Geography II: Geology, Geomorphology and Soils (3)
					ENGL 101 or GEOG 110 or GEOG 210 or PHIL 210		GEOG 201 Environmental Climatology (3)
					GEOG 150		GEOG 202 Geography of Ecosystems (3)
					GEOG 160 or GEOL 201 or GEOG 210 or any 2XX Science		GEOG 203 Geomorphology (3)
					GEOG 203 or OCGY 208		GEOG 204 Spatial Analysis and Geographic Information Systems (GIS) (3)
					GEOG 204		GEOG 207 Hydrology/Soils (3)
					GEOG 207 of OCGY 209		GEOG 210 Environments and Society (3)
					MATH 131 or MATH 251		GEOG 215 Geography of Food (3)
					MATH 101		GEOG 221 Social Geography (Space & Society) (3)
					Two of: CHEM 101, CHEM 102, MATH 102, PHYS 101 or PHYS 102		GEOG 222 Economic Geography (3)
					Two Arts Electives		GEOG 224 World Regional Geography (3)
							GEOG 225 Regional Geography of British Columbia (3)
							GEOG 226 Regional Geography of Canada (3)
	GEOG 227 Ethnogeography of Northwestern BC (3)						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Table 3.19: Okanagan College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
					ARTS	SCIENCE	
OC	YES	NO	6/18	16/48	Requirements for Associate of Arts Degree	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 111 Introduction to Physical Geography: Climate & Vegetation (3)
					<i>Environmental Studies Emphasis</i>		GEOG 117 Introduction to Human Geography I (3)
					One of: GEOG 111, 121		GEOG 121 Introduction to Physical Geography: Water & Landscapes (3)
					One of: EESC 111, 121		GEOG 127 Introduction to Human Geography II (3)
					One of: GEOG 128, 129		GEOG 128 Human Geography: Space, Place and Community (3)
					One of: GEOG 117, 127		GEOG 129 Human Geography: Resources, Development and Society (3)
					Four of: ANTH 245, ECON 271, ENGL 232, ENGL 237, INDG 202, GEOG 205, GEOG 210, GEOG 217, GEOG 222, GEOG 224, GEOG 250, GEOG 272, WMST 222		GEOG 201 Food and Society (3)
							GEOG 205 Geographical Hydrology (3)
							GEOG 210 Introduction to Environmental Issues (3)
							GEOG 211 Social and Cultural Geography (3)
							GEOG 212 Weather and Climate (3)
							GEOG 217 Regional Geography of British Columbia (3)
							GEOG 221 Economic Geography (3)
							GEOG 222 Geomorphology (3)
							GEOG 223 Physical Geography of the U.S. Southwest (6)
							GEOG 224 The Canadian Landscape (3)
							GEOG 225 Regional Geography of Melanesia (3)
							GEOG 250 Introduction to Urban Geography (3)
							GEOG 265 Tourism and Recreation Geography (3)
							GEOG 270 Geographic Data Analysis (3)
	GEOG 272 Introduction to Cartography, GIS and Remote Sensing (3)						
	GEOG 298 Directed Studies in Geography (3)						

Notes: 1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits

Table 3.20: Selkirk College

British Columbia Post-Secondary Institutions	Degree Granting/Geography		#1C/CR	#2C/CR	1 st and 2 nd Year Requirements		Course Names
	YES	NO					
Selkirk	YES	NO	3/9	4/12	Associate of Arts Degree offered but not with an emphasis in Geography	Associate of Science Degree offered but not with an emphasis in Geography	GEOG 130 Introduction to Physical Geography (3)
							GEOG 136 The Geography of British Columbia (3)
							GEOG 140 Introduction to Cultural Geography (3)
							GEOG 230 Economic Geography (3)
							GEOG 232 Geomorphology (3)
							GEOG 240 Regional Geography of Canada (3)
							GEOG 254 Map and Air Photo Use and Application (3)

- Notes:**
1. #1/CR = Number of first year courses and credits.
 2. #2/CR = Number of second year courses and credits.

Appendix IV

Course Articulation by Institution and Program

Table 4.1A - Simon Fraser University - Geography Major, Bachelor of Arts

Sending Institution	General Geography Stream					
	GEOG 100	GEOG 111	GEOG 221	GEOG 241	One of: GEOG 213, 214, 215	One of: GEOG 251, 253, 255
Camosun	GEOG 102		GEOG 222	GEOG 232	GEOG 276, 272, 274	GEOG 216 (251), 217 (255)
CNC	GEOG 101	GEOG 201 & GEOG 202 ¹	GEOG 203	GEOG 205		
Coquitlam	GEOG 100	GEOG 101 & GEOG 102 ²	GEOG 201	GEOG 204		
COTR		GEOG 101 & GEOG 102 ³				GEOG 211 (255)
Douglas	GEOG 1100	GEOG 1110 & GEOG 1120 ⁴	GEOG 2212	GEOG 2213	GEOG 2220 (213), 2210 (214), 2230 (215)	GEOG 2251 (251), 2270 (255)
Langara	GEOG 1100	GEOG 1180 & GEOG 1190 ⁵	GEOG 2250	GEOG 2270	GEOG 2290 (213), 2280 (214)	
NIC	GEO 112	GEO 105 & GEO 106 ⁶			GEO 206 (213), 214 (215)	
NLC	GEOG 100	GEOG 112 & GEOG 114 ⁷		GEOG 240		GEOG 260 (255)
NWCC	GEOG 111	GEOG 150 & GEOG 160 ⁸	GEOG 222	GEOG 221	GEOG 203 (213), 201 (214), 202 (215)	GEOG 204 (253)
OC	GEOG 117	GEOG 111 & GEOG 121 ⁹	GEOG 221	GEOG 211	GEOG 222 (213), 212 (214)	GEOG 270 (251), 272 (255)
Selkirk		GEOG 130	GEOG 230	GEOG 140	GEOG 232 (213)	
CapU	GEOG 100	GEOG 112 & GEOG 114 ¹⁰	GEOG 200	GEOG 249	GEOG 212 ¹¹ , 214 ¹²	
KPU	GEOG 1101	GEOG 1110 & GEOG 1120 ¹³	GEOG 1212	GEOG 1211	GEOG 2320 (213), 2310 (214), 2340 (215)	GEOG 2390 (251), 2400 (255)

- Notes:**
1. SFU GEOG 1SECTNA - Q/B-Sci (3); CNC GEOG 201 & CNC GEOG 202 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 2. SFU GEOG 1SECTNA (3) - B-Sci; COQU GEOG 101 & COQU GEOG 102 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci.
 3. SFU GEOG 1SECTNA (3); COTR GEOG 101 & COTR GEOG 102 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 4. SFU GEOG 1SECTNA (3) - B-Sci & SFU GEOG 1XX (1); DOUG GEOG 1110 & DOUG GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci & SFU GEOG 1XX (1)
 5. SFU GEOG 1SECTNA (3) - B-Sci; LANG GEOG 1180 & LANG GEOG 1190 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 6. SFU GEOG 1SECTNA (3); NIC GEO 105 & NIC GEO 106 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3)
 7. SFU GEOG 1SECTNA (3) - B-Sci; NLC GEOG 112 & NLC GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 8. SFU GEOG 1SECTNA (3) - B-Sci; NWCC GEOG 150 & NWCC GEOG 160 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 9. SFU GEOG 111 (3) - B-Sci; OC GEOG 111 & OC GEOG 121 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 10. SFU GEOG 1AXX (4) - B-Sci; CAPU GEOG 112 & CAPU GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1AXX (1) - B-Sci & SFU GEOG 1AXX (4) - Q/B-Sci
 11. As of Sept. 2014, Capilano GEOG 212 (4) is a four credit course. Course credit at SFU is GEOG 213 (3) + SFU GEOG 2XX (1).
 12. As of Sept. 2014, Capilano GEOG 214 (4) is a four credit course. Course credit at SFU is GEOG 214 (3) + SFU GEOG 2XX (1).
 13. SFU GEOG 1SECTNA (3) - B-Sci; KWAN GEOG 1110 & KWAN GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci

Table 4.1B - Simon Fraser University - Geography Major, Bachelor of Arts (cont'd)

Sending Institution	<i>Environmental Specialty</i>					
	GEOG 100	GEOG 111	GEOG 215	GEOG 221	GEOG 241	One of: GEOG 251, 253, 255
Camosun	GEOG 102		GEOG 274	GEOG 222	GEOG 232	GEOG 216 (251), 217 (255)
CNC	GEOG 101	GEOG 201 & GEOG 202 ¹		GEOG 203	GEOG 205	
Coquitlam	GEOG 100	GEOG 101 & GEOG 102 ²		GEOG 201	GEOG 204	
COTR		GEOG 101 & GEOG 102 ³				GEOG 211 (255)
Douglas	GEOG 1100	GEOG 1110 & GEOG 1120 ⁴	GEOG 2230	GEOG 2212	GEOG 2213	GEOG 2251 (251), 2270 (255)
Langara	GEOG 1100	GEOG 1180 & GEOG 1190 ⁵		GEOG 2250	GEOG 2270	
NIC	GEO 112	GEO 105 & GEO 106 ⁶	GEO 214			
NLC	GEOG 100	GEOG 112 & GEOG 114 ⁷			GEOG 240	GEOG 260 (255)
NWCC	GEOG 111	GEOG 150 & GEOG 160 ⁸	GEOG 202	GEOG 222	GEOG 221	GEOG 204 (253)
OC	GEOG 117	GEOG 111 & GEOG 121 ⁹		GEOG 221	GEOG 211	GEOG 270 (251), 272 (255)
Selkirk		GEOG 130		GEOG 230	GEOG 140	
CapU	GEOG 100	GEOG 112 & GEOG 114 ¹⁰		GEOG 200	GEOG 249	
KPU	GEOG 1101	GEOG 1110 & GEOG 1120 ¹¹	GEOG 2340	GEOG 1212	GEOG 1211	GEOG 2390 (251), 2400 (255)

- Notes:**
1. SFU GEOG 1SECTNA - Q/B-Sci (3); CNC GEOG 201 & CNC GEOG 202 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 2. SFU GEOG 1SECTNA (3) – B-Sci; COQU GEOG 101 & COQU GEOG 102 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) – B-Sci.
 3. SFU GEOG 1SECTNA (3); COTR GEOG 101 & COTR GEOG 102 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 4. SFU GEOG 1SECTNA (3) - B-Sci & SFU GEOG 1XX (1); DOUG GEOG 1110 & DOUG GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci & SFU GEOG 1XX (1)
 5. SFU GEOG 1SECTNA (3) - B-Sci; LANG GEOG 1180 & LANG GEOG 1190 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 6. SFU GEOG 1SECTNA (3); NIC GEO 105 & NIC GEO 106 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3)
 7. SFU GEOG 1SECTNA (3) - B-Sci; NLC GEOG 112 & NLC GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 8. SFU GEOG 1SECTNA (3) - B-Sci; NWCC GEOG 150 & NWCC GEOG 160 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 9. SFU GEOG 111 (3) - B-Sci; OC GEOG 111 & OC GEOG 121 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 10. SFU GEOG 1AXX (4) - B-Sci; CAPU GEOG 112 & CAPU GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1AXX (1) - B-Sci & SFU GEOG 1AXX (4) - Q/B-Sci
 11. SFU GEOG 1SECTNA (3) - B-Sci; KWAN GEOG 1110 & KWAN GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci

Table 4.2A - Simon Fraser University - Geography Major, Bachelor of Science

Sending Institution	Base Courses		Biogeophysical Stream		
	GEOG 100	GEOG 111	One of: GEOG 213, 214, 215	One of: GEOG 221, 241	One of: GEOG 253, 255
Camosun	GEOG 102		GEOG 276, 272, 274	GEOG 222, 232	GEOG 217 (255)
CNC	GEOG 101	GEOG 201 & GEOG 202 ¹		GEOG 203, 205	
Coquitlam	GEOG 100	GEOG 101 & GEOG 102 ²		GEOG 201, 204	
COTR		GEOG 101 & GEOG 102 ³			GEOG 211 (255)
Douglas	GEOG 1100	GEOG 1110 & GEOG 1120 ⁴	GEOG 2220 (213), 2210 (214), 2230 (215)	GEOG 2212, 2213	GEOG 2270 (255)
Langara	GEOG 1100	GEOG 1180 & GEOG 1190 ⁵	GEOG 2290 (213), 2280 (214)	GEOG 2250, 2270	
NIC	GEO 112	GEO 105 & GEO 106 ⁶	GEO 206 (213), 214 (215)		
NLC	GEOG 100	GEOG 112 & GEOG 114 ⁷		GEOG 240 (241)	GEOG 260 (255)
NWCC	GEOG 111	GEOG 150 & GEOG 160 ⁸	GEOG 203 (213), 201 (214), 202 (215)	GEOG 222, 221	GEOG 204 (253)
OC	GEOG 117	GEOG 111 & GEOG 121 ⁹	GEOG 222 (213), 212 (214)	GEOG 221, 211	GEOG 272 (255)
Selkirk		GEOG 130	GEOG 232 (213)	GEOG 230, 140	
CapU	GEOG 100	GEOG 112 & GEOG 114 ¹⁰	GEOG 212 ¹¹ , 214 ¹²	GEOG 200, 249	
KPU	GEOG 1101	GEOG 1110 & GEOG 1120 ¹³	GEOG 2320 (213), 2310 (214), 2340 (215)	GEOG 1212, 1211	GEOG 2400 (255)

- Notes:**
- SFU GEOG 1SECTNA - Q/B-Sci (3); CNC GEOG 201 & CNC GEOG 202 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 - SFU GEOG 1SECTNA (3) – B-Sci; COQU GEOG 101 & COQU GEOG 102 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) – B-Sci.
 - SFU GEOG 1SECTNA (3); COTR GEOG 101 & COTR GEOG 102 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 - SFU GEOG 1SECTNA (3) - B-Sci & SFU GEOG 1XX (1); DOUG GEOG 1110 & DOUG GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci & SFU GEOG 1XX (1)
 - SFU GEOG 1SECTNA (3) - B-Sci; LANG GEOG 1180 & LANG GEOG 1190 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 - SFU GEOG 1SECTNA (3); NIC GEO 105 & NIC GEO 106 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3)
 - SFU GEOG 1SECTNA (3) - B-Sci; NLC GEOG 112 & NLC GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 - SFU GEOG 1SECTNA (3) - B-Sci; NWCC GEOG 150 & NWCC GEOG 160 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 - SFU GEOG 111 (3) - B-Sci; OC GEOG 111 & OC GEOG 121 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 - SFU GEOG 1AXX (4) - B-Sci; CAPU GEOG 112 & CAPU GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1AXX (1) - B-Sci & SFU GEOG 1AXX (4) - Q/B-Sci
 - As of Sept. 2014, Capilano GEOG 212 (4) is a four credit course. Course credit at SFU is GEOG 213 (3) + SFU GEOG 2XX (1).
 - As of Sept. 2014, Capilano GEOG 214 (4) is a four credit course. Course credit at SFU is GEOG 214 (3) + SFU GEOG 2XX (1).
 - SFU GEOG 1SECTNA (3) - B-Sci; KWAN GEOG 1110 & KWAN GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci

Table 4.2B - Simon Fraser University - Geography Major, Bachelor of Science (cont'd)

Sending Institution	Base Courses		Geoscience Stream				
	GEOG 100	GEOG 111	GEOG 213	GEOG 214	GEOG 215	GEOG 221	One of: GEOG 253, 255
Camosun	GEOG 102		GEOG 276	GEOG 272	GEOG 274	GEOG 222	GEOG 217 (255)
CNC	GEOG 101	GEOG 201 & GEOG 202 ¹				GEOG 203	
Coquitlam	GEOG 100	GEOG 101 & GEOG 102 ²				GEOG 201	
COTR		GEOG 101 & GEOG 102 ³					GEOG 211 (255)
Douglas	GEOG 1100	GEOG 1110 & GEOG 1120 ⁴					GEOG 2270 (255)
Langara	GEOG 1100	GEOG 1180 & GEOG 1190 ⁵	GEOG 2290	GEOG 2280		GEOG 2250	
NIC	GEO 112	GEO 105 & GEO 106 ⁶	GEOG 206	GEOG 214			
NLC	GEOG 100	GEOG 112 & GEOG 114 ⁷					GEOG 260 (255)
NWCC	GEOG 111	GEOG 150 & GEOG 160 ⁸	GEOG 203	GEOG 201	GEOG 202	GEOG 222	GEOG 204 (253)
OC	GEOG 117	GEOG 111 & GEOG 121 ⁹	GEOG 222	GEOG 212		GEOG 221	GEOG 272 (255)
Selkirk		GEOG 130	GEOG 232			GEOG 230	
CapU	GEOG 100	GEOG 112 & GEOG 114 ¹⁰	GEOG 212 ¹⁰	GEOG 214 ¹²		GEOG 200	
KPU	GEOG 1101	GEOG 1110 & GEOG 1120 ¹³	GEOG 2320	GEOG 2310	GEOG 2340	GEOG 1212	GEOG 2400 (255)

- Notes:**
1. SFU GEOG 1SECTNA - Q/B-Sci (3); CNC GEOG 201 & CNC GEOG 202 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 2. SFU GEOG 1SECTNA (3) – B-Sci; COQU GEOG 101 & COQU GEOG 102 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) – B-Sci.
 3. SFU GEOG 1SECTNA (3); COTR GEOG 101 & COTR GEOG 102 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 4. SFU GEOG 1SECTNA (3) - B-Sci & SFU GEOG 1XX (1); DOUG GEOG 1110 & DOUG GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci & SFU GEOG 1XX (1)
 5. SFU GEOG 1SECTNA (3) - B-Sci; LANG GEOG 1180 & LANG GEOG 1190 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 6. SFU GEOG 1SECTNA (3); NIC GEO 105 & NIC GEO 106 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3)
 7. SFU GEOG 1SECTNA (3) - B-Sci; NLC GEOG 112 & NLC GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 8. SFU GEOG 1SECTNA (3) - B-Sci; NWCC GEOG 150 & NWCC GEOG 160 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 9. SFU GEOG 111 (3) - B-Sci; OC GEOG 111 & OC GEOG 121 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 10. SFU GEOG 1AXX (4) - B-Sci; CAPU GEOG 112 & CAPU GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1AXX (1) - B-Sci & SFU GEOG 1AXX (4) - Q/B-Sci
 11. As of Sept. 2014, Capilano GEOG 212 (4) is a four credit course. Course credit at SFU is GEOG 213 (3) + SFU GEOG 2XX (1).
 12. As of Sept. 2014, Capilano GEOG 214 (4) is a four credit course. Course credit at SFU is GEOG 214 (3) + SFU GEOG 2XX (1).
 13. SFU GEOG 1SECTNA (3) - B-Sci; KWAN GEOG 1110 & KWAN GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci

Table 4.2C - Simon Fraser University - Geography Major, Bachelor of Science (cont'd)

Sending Institution	Base Courses		Physical Geography and Spatial Information Science Stream				Geographic Information Science Stream			
	GEOG 100	GEOG 111	GEOG 253	GEOG 255	Two of: GEOG 213, 214, 215	One of: GEOG 221, 241	GEOG 253	GEOG 255	One of: GEOG 213, 214, 215, 221, 241, 261	One of: GEOG 251 or STAT 270
Camosun	GEOG 102			GEOG 217 (255)	GEOG 276, 272, 274	GEOG 222, 232		GEOG 217 (255)	GEOG 276 (213), 272 (214), 274 (215), 222 (221), 232 (241), 236	GEOG 216 (251)
CNC	GEOG 101	GEOG 201 & GEOG				GEOG 203, 205			GEOG 203 (221), 205 (241)	
Coquitlam	GEOG 100	GEOG 101 & GEOG				GEOG 201, 204			GEOG 201 (221), 204 (241), 206 (261)	
COTR		GEOG 101 & GEOG		GEOG 211 (255)				GEOG 211 (255)		
Douglas	GEOG 1100	GEOG 1110 & GEOG		GEOG 2270 (255)	GEOG 2220 (213), 2210 (214), 2230	GEOG 2212, 2213		GEOG 2270 (255)	GEOG 2220 (213), 2210 (214), 2230 (215), 2212 (221), 2213 (241), 3361	GEOG 2251 (251)
Langara	GEOG 1100	GEOG 1180 & GEOG			GEOG 2290 (213), 2280 (214)	GEOG 2250, 2270			GEOG 2290 (213), 2280 (214), 2250 (221), 2270 (241), 1130 (261)	
NIC	GEO 112	GEO 105 & GEO 106 ⁶			GEO 206 (213), 214 (215)				GEO 206 (213), 214 (215)	
NLC	GEOG 100	GEOG 112 & GEOG		GEOG 260 (255)		GEOG 240 (241)		GEOG 260 (255)	GEOG 240 (241)	
NWCC	GEOG 111	GEOG 150 & GEOG	GEOG 204		GEOG 203 (213), 201 (214), 202 (215)	GEOG 222, 221	GEOG 204		GEOG 203 (213), 201 (214), 202 (215), 222 (221), 221 (241)	
OC	GEOG 117	GEOG 111 & GEOG		GEOG 272 (255)	GEOG 222 (213), 212 (214)	GEOG 221, 211		GEOG 272 (255)	GEOG 222 (213), 212 (214), 221 (221), 211 (241)	GEOG 270 (251)
Selkirk		GEOG 130			GEOG 232 (213)	GEOG 230, 140			GEOG 232 (213), 230 (221), 140 (241)	
CapU	GEOG 100	GEOG 112 & GEOG			GEOG 212 ¹¹ , 214 ¹²	GEOG 200, 249			GEOG 212 ¹⁰ , 214 ¹¹ , 200 (221), 249 (241), 201 (261)	
KPU	GEOG 1101	GEOG 1110 & GEOG		GEOG 2400 (255)	GEOG 2320 (213), 2310 (214), 2340	GEOG 1212, 1211		GEOG 2400 (255)	GEOG 2320 (213), 2310 (214), 2340 (215), 1212 (221), 1211 (241), 2161	GEOG 2390 (251)

- Notes:**
1. SFU GEOG 1SECTNA - Q/B-Sci (3); CNC GEOG 201 & CNC GEOG 202 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 2. SFU GEOG 1SECTNA (3) - B-Sci; COQU GEOG 101 & COQU GEOG 102 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci.
 3. SFU GEOG 1SECTNA (3); COTR GEOG 101 & COTR GEOG 102 = SFU GEOG 111 - B-Sci (3) & SFU GEOG 1SECTNA (3).
 4. SFU GEOG 1SECTNA (3) - B-Sci & SFU GEOG 1XX (1); DOUG GEOG 1110 & DOUG GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sci & SFU GEOG 1XX (1)
 5. SFU GEOG 1SECTNA (3) - B-Sci; LANG GEOG 1180 & LANG GEOG 1190 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 6. SFU GEOG 1SECTNA (3); NIC GEO 105 & NIC GEO 106 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3)
 7. SFU GEOG 1SECTNA (3) - B-Sci; NLC GEOG 112 & NLC GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 8. SFU GEOG 1SECTNA (3) - B-Sci; NWCC GEOG 150 & NWCC GEOG 160 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 9. SFU GEOG 111 (3) - B-Sci; OC GEOG 111 & OC GEOG 121 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1SECTNA (3) - B-Sci
 10. SFU GEOG 1AXX (4) - B-Sci; CAPU GEOG 112 & CAPU GEOG 114 = SFU GEOG 111 (3) - B-Sci & SFU GEOG 1AXX (1) - B-Sci & SFU GEOG 1AXX (4) - Q/B-Sci

11. As of Sept. 2014, Capilano GEOG 212 (4) is a four credit course. Course credit at SFU is GEOG 213 (3) + SFU GEOG 2XX (1).
12. As of Sept. 2014, Capilano GEOG 214 (4) is a four credit course. Course credit at SFU is GEOG 214 (3) + SFU GEOG 2XX (1).
13. SFU GEOG 1SECTNA (3) - B-Sci; KWAN GEOG 1110 & KWAN GEOG 1120 = SFU GEOG 111 (3) - B-Sci & SFU EASC 101 (3) - B-Sc

Table 4.3 – Thompson Rivers University - Geography Major, Bachelor of Arts

Sending Institution	<i>Bachelor of Arts</i>					
	GEOG 1190	GEOG 1200	GEOG 1120	GEOG 1220	GEOG 2700	Two of: GEOG 2050, 2100, 2120, 2220, 2230, 2740, 2750
Camosun		GEOG 102			GEOG 216	GEOG 104 (2220), 105 (2230)
CNC	GEOG 205	GEOG 101	GEOG 202			GEOG 102 (2100), 103 (2220), 201 (2750)
Coquitlam			GEOG 101	GEOG 102		
COTR			GEOG 101	GEOG 102		GEOG 210 (2230), 211 (2750)
Douglas		GEOG 1190	GEOG 1120		GEOG 2251	GEOG 1130 (2100), 1160 (2230), 1180 (2220), 2270 (2750)
Langara	GEOG 1100 or 1170					GEOG 1155 (2100), 1150 (2230), 2220 (2750)
NIC			GEO 106			
NLC	GEOG 100		GEOG 112	GEOG 114		GEOG 103 (2220), 260 (2750)
NWCC			GEOG 150			GEOG 226 (2220), 225 (2230)
OC	GEOG 128 ¹	GEOG 117	GEOG 121	GEOG 111		GEOG 210 (2100), 250 (2120), 224 (2220)
Selkirk		GEOG 140	GEOG 232	GEOG 130		GEOG 136 (2230)
CapU		GEOG 100 or 200	GEOG 112	GEOG 114		GEOG 101 (2100), 201 (2120), 208 (2220), 106 (2230),
KPU	GEOG 1211		GEOG 1120	GEOG 1110	GEOG 2380 or 2390	GEOG 2250 (2120), 2140 (2220), 1160 (2230)

Notes: 1. TRU GEOG 1190. Students with credit for OC GEOG 117 cannot take GEOG 128 for further credit.

Table 4.4 – Trinity Western University - Geography Major, Bachelor of Arts

Sending Institution	<i>Bachelor of Arts</i>						
	<i>Physical Geography</i>			<i>Human Geography</i>		<i>Regional and Applied Geography</i>	
	GEOG 121	GEOG 131	GEOG 220	GEOG 111	GEOG 212	GEOG 230	GEOG 282
Camosun							
CNC						GEOG 103	
Coquitlam		GEOG 203				GEOG 120	
COTR							
Douglas		GEOG 1130				GEOG 1180	
Langara				GEOEG 2270		GEOG 1120	
NIC				GEOG 111 & GEO 112 ¹			
NLC				GEOG 100		GEOG 103	GEOG 260
NWCC						GEOG 230	GEOG 204
OC				GEOG 128 or GEOG 129			
Selkirk							
CapU	GEOG 120			GEOG 100			GEOG 221
KPU						GEOG 2140	GEOG 2400

Notes: 1. NIC GEOG 111 & NIC GEO 112 = TWU GEOG 111 (3)

Table 4.5A – The University of British Columbia Vancouver - Geography Major, Bachelor of Arts

Sending Institution	<i>Environment and Sustainability Stream Concentration</i>				<i>Human Geography Concentration</i>		
	Two of: GEOG 121, 122, 210 or 211	Two of: GEOB 102, 103 or PHYS 100	GEOB 270	GEOB 200 or 204, 206, 207	Three of: GEOG 121, 122, 210, 211 or 290	GEOB 102	GEOB 103
Camosun	GEOG 102 or 103 (122)		GEOG 217	GEOG 272 (200)	GEOG 102 or 103 (122), 104 (290)		
CNC		GEOG 201, 202		GEOG 204 (204)	GEOG 103 (290)	GEOG 201	GEOG 202
Coquitlam	GEOG 206 (210)	GEOG 101, 102			GEOG 206 (210), 120 (290)	GEOG 101	GEOG 102
COTR		GEOG 101, 102	GEOG 211			GEOG 101	GEOG 102
Douglas	GEOG 1100 (121)	GEOG 1110 (102), 1120 (103)	GEOG 2270	GEOG 2210 (200), 2220 (206), 2230	GEOG 1100 (121), 1180 (290)	GEOG 1110	GEOG 1120
Langara		GEOG 1180 (102), 1190 (103)		GEOG 2290 (206)	GEOG 1120 (290)	GEOG 1180	GEOG 1190
NIC		GEO 105, 106				GEO 105	GEO 106
NLC	GEOG 100 (122)	GEOG 114, 112	GEOG 260		GEOG 103 (290)	GEOG 114	GEOG 112
NWCC	GEOG 110 (121), 111 (122)	GEOG 150, 160		GEOG 201 (204), 203 (206), 202 (207)	GEOG 110 (121), 111 (122), 226 (290)	GEOG 150	GEOG 160
OC	GEOG 117 (121), 127 (122)	GEOG 111 (102), 121 (103)		GEOG 212 (200)	GEOG 117 (121), 127 (122), 224 (290)	GEOG 111	GEOG 121
Selkirk		GEOG 130 (102), 232 (103)				GEOG 130	GEOG 232
CapU		GEOG 114 (102), 112 (103)		GEOG 214 (200), 212 (206)	GEOG 208 (290)	GEOG 114	GEOG 112
KPU	GEOG 1211 (121 or 122) ¹	GEOG 1120 (103)	GEOG 2400	GEOG 2310 (200), 2320 (206)	GEOG 1211 (121 or 122) ¹		GEOG 1120

Notes: 1. KWAN GEOG 1211 can be used as credit for both UBC GEOG 121 or 122.

Table 4.5B – The University of British Columbia Vancouver - Geography Major, Bachelor of Science

Sending Institution	<i>Geographical Biogeosciences Major</i>				
	GEOB 200 or 204, 206, 207	GEOB 200 or 204	GEOB 206	GEOB 207	GEOB 270
Camosun	GEOG 272 (200)			GEOG 217	
CNC	GEOG 204 (204)				
Coquitlam					
COTR				GEOG 211	
Douglas	GEOG 2210 (200)	GEOG 2220	GEOG 2230	GEOG 2270	
Langara		GEOG 2290			
NIC					
NLC				GEOG 260	
NWCC	GEOG 201 (204)	GEOG 203	GEOG 202		
OC	GEOG 212 (200)				
Selkirk					
CapU	GEOG 214 (200)	GEOG 212			
KPU	GEOG 2310 (200)	GEOG 2320		GEOG 2400	

Table 4.6 – The University of British Columbia Okanagan - Geography Major, Bachelor of Arts

Sending Institution	<i>Bachelor of Arts</i>					
	GEOG 108	GEOG 109	GEOG 128	GEOG 129	One of: GEOG 271, 272	Three additional credits of second year GEOG
Camosun			GEOG 102		GEOG 217 (272)	30 transferable 2nd year credits
CNC	GEOG 201	GEOG 202	GEOG 101			6 transferable 2nd year credits
Coquitlam	GEOG 101 & GEOG 102 ¹	GEOG 101 & GEOG 102 ¹	GEOG 204			6 transferable 2nd year credits
COTR	GEOG 101	GEOG 102				9 transferable 2nd year credits
Douglas	GEOG 1110	GEOG 1120	GEOG 1100			36 transferable 2nd year credits
Langara	GEOG 1180 & GEOG 1190 ²	GEOG 1180 & GEOG 1190 ²	GEOG 1170		GEOG 2251, 1170	33 transferable 2nd year credits
NIC	GEO 105 & GEO 106 ³	GEO 105 & GEO 106 ³	GEOG 112			
NLC	GEOG 112 & GEOG 114 ⁴	GEOG 112 & GEOG 114 ⁴			GEOG 250 (272)	9 transferable 2nd year credits
NWCC	GEOG 150 & GEOG 160 ⁵	GEOG 150 & GEOG 160 ⁵	GEOG 111			30 transferable 2nd year credits
OC	GEOG 111	GEOG 121	GEOG 117	GEOG 127	GEOG 270, 272	39 transferable 2nd year credits
Selkirk	GEOG 130			GEOG 140		6 transferable 2nd year credits
CapU	GEOG 112 & GEOG 114 ⁶	GEOG 112 & GEOG 114 ⁶	GEOG 100			
KPU	GEOG 1110 & GEOG 1120 ⁷	GEOG 1110 & GEOG 1120 ⁷	GEOG 1211			21 transferable 2nd year credits

- Notes:** 1. Cluster credit: Two or more courses must be completed to receive transfer credit. COQU GEOG 101 & COQU GEOG 102 = UBCO GEOG 108 & UBCO GEOG 109.
 2. Cluster credit: Two or more courses must be completed to receive transfer credit. LANG GEOG 1180 & LANG GEOG 1190 = UBCO GEOG 108 & UBCO GEOG 109.
 3. Cluster credit: Two or more courses must be completed to receive transfer credit. NIC 105 & NIC 106 = UBCO GEOG 108 & UBCO GEOG 109.
 4. Cluster credit: Two or more courses must be completed to receive transfer credit. NLC GEOG 112 & NLC GEOG 114 = UBCO GEOG 108 & UBCO GEOG 109.
 5. Cluster credit: Two or more courses must be completed to receive transfer credit. NWCC GEOG 150 & NWCC GEOG 160 = UBCO GEOG 108 & UBCO GEOG 109.
 6. Cluster credit: Two or more courses must be completed to receive transfer credit. CAPU GEOG 112 & CAPU GEOG 114 = UBCO GEOG 108 & UBCO GEOG 109.
 7. Cluster credit: Two or more courses must be completed to receive transfer credit. KWAN GEOG 1110 & KWAN GEOG 1120 = UBCO GEOG 108 & UBCO GEOG 109.

Table 4.7A –University of the Fraser Valley - Geography Major, Bachelor of Arts

Sending Institution	<i>General Geography Stream</i>						
	GEOG 101	GEOG 102 or GEOG 116	GEOG 140	GEOG 201 or GEOG 202	GEOG 241 or GEOG 242	GEOG 252	GEOG 253
Camosun			GEOG 102	GEOG 272, 276	GEOG 232, 222		GEOG 217
CNC	GEOG 201	GEOG 202 (102)	GEOG 101		GEOG 205, 203		
Coquitlam		GEOG 102 (102)			GEOG 204, 201		
COTR	GEOG 101	GEOG 102 (102)					GEOG 211
Douglas	GEOG 1110	GEOG 1120 (102)	GEOG 1100	GEOG 2210, 2220	GEOG 2213, 2212	GEOG 2251	GEOG 2270
Langara	GEOG 1180	GEOG 1190 (102)	GEOG 1170	GEOG 2280, 2290	GEOG 2230 or 2270, 2250		
NIC	GEO 105	GEO 106 (102)	GEO 112				
NLC	GEOG 114	GEOG 1120 (102)	GEOG 100		GEOG 240 (241)		GEOG 260
NWCC	GEOG 150	GEOG 160 (102)		GEOG 203 (202)	GEOG 221, 222		GEOG 204
OC	GEOG 111		GEOG 128 or 129				
Selkirk			GEOG 140	GEOG 232 (202)	GEOG 230 (242)		
CapU	GEOG 114	GEOG 112 (102)	GEOG 100	GEOG 214, 212	GEOG 200 (242)		
KPU	GEOG 1110	GEOG 1120 (102)	GEOG 1101	GEOG 2310, 2320	GEOG 1211, 1212	GEOG 2390	GEOG 2400

Table 4.7B –University of the Fraser Valley - Geography Major, Bachelor of Arts (cont’d)

Sending Institution	<i>Environmental Studies concentration</i>				
	GEOG 101	GEOG 102 or GEOG 116	GEOG 140	GEOG 201 or GEOG 202	One of: GEOG 211, 257 or BIO 210, GEOG 242, 252, 253
Camosun			GEOG 102	GEOG 272, 276	GEOG 100 (211), 222 (242), 216 (252), 217 (253)
CNC	GEOG 201	GEOG 202 (102)	GEOG 101		GEOG 203 (242)
Coquitlam		GEOG 102 (102)			GEOG 203 (211), 201 (242)
COTR	GEOG 101	GEOG 102 (102)			GEOG 211 (253)
Douglas	GEOG 1110	GEOG 1120 (102)	GEOG 1100	GEOG 2210, 2220	GEOG 1130 (211), 2212 (242), 2251 (252), 2270 (253)
Langara	GEOG 1180	GEOG 1190 (102)	GEOG 1170	GEOG 2280, 2290	GEOG 2155 (211), 2250 (242)
NIC	GEO 105	GEO 106	GEO 112		
NLC	GEOG 114	GEOG 1120	GEOG 100		GEOG 101 (211)
NWCC	GEOG 150	GEOG 160 (102)		GEOG 203 (202)	GEOG 210 (211), 222 (242), 204 (253)
OC	GEOG 111		GEOG 128 or 129		
Selkirk			GEOG 140	GEOG 232	
CapU	GEOG 114	GEOG 112 (102)	GEOG 100	GEOG 214, 212	GEOG 200 (242)
KPU	GEOG 1110	GEOG 1120 (102)	GEOG 1101	GEOG 2310, 2320	GEOG 1212 (242), 2390 (252), 2400 (253)

Table 4.7C – University of the Fraser Valley - Geography Major, Bachelor of Arts (cont'd)

Sending Institution	<i>International Studies Concentration</i>							
	GEOG 101	GEOG 102 or GEOG 116	GEOG 140	GEOG 201 or GEOG 202	GEOG 240	GEOG 241 or GEOG 242	GEOG 252	GEOG 253
Camosun			GEOG 102	GEOG 272, 276	GEOG 103	GEOG 232, 222	GEOG 216	GEOG 217
CNC	GEOG 201	GEOG 202 (102)	GEOG 101			GEOG 203 (242)		
Coquitlam		GEOG 102 (102)				GEOG 204, 201		
COTR	GEOG 101	GEOG 102 (102)						GEOG 211
Douglas	GEOG 1110	GEOG 1120 (102)	GEOG 1100	GEOG 2210, 2220		GEOG 2213, 2212	GEOG 2251	GEOG 2270
Langara	GEOG 1180	GEOG 1190 (102)	GEOG 1170	GEOG 2280, 2290		GEOG 2230 or 2270, 2250		
NIC	GEO 105	GEO 106	GEO 112					
NLC	GEOG 114	GEOG 1120	GEOG 100			GEOG 240 (241)		
NWCC	GEOG 150	GEOG 160 (102)		GEOG 203 (202)		GEOG 221, 222		GEOG 204
OC	GEOG 111		GEOG 128 or 129					
Selkirk			GEOG 140	GEOG 232		GEOG 230 (242)		
CapU		GEOG 112 (102)	GEOG 100	GEOG 214, 212		GEOG 200 (242)		
KPU	GEOG 1110	GEOG 1120 (102)	GEOG 1101	GEOG 2310, 2320		GEOG 1211, 1212	GEOG 2390	GEOG 2400

Table 4.8 – University of the Fraser Valley - Geography Major, Bachelor of Science

Sending Institution	<i>Bachelor of Science</i>							
	GEOG 101	GEOG 102 or GEOG 116	GEOG 140	GEOG 201	GEOG 202	GEOG 211 or GEOG 257	GEOG 252	GEOG 253
Camosun			GEOG 102	GEOG 272	GEOG 276	GEOG 100 (211)	GEOG 216	GEOG 217
CNC	GEOG 201	GEOG 202 (102)	GEOG 101					
Coquitlam		GEOG 102 (102)				GEOG 203 (211)		
COTR	GEOG 101	GEOG 102 (102)						GEOG 211
Douglas	GEOG 1110	GEOG 1120 (102)	GEOG 1100	GEOG 2210	GEOG 2220	GEOG 1130 (211)	GEOG 2251	GEOG 2270
Langara	GEOG 1180	GEOG 1190 (102)	GEOG 1170	GEOG 2280	GEOG 2290	GEOG 2155 (211)		
NIC	GEO 105	GEO 106 (102)	GEO 112					
NLC	GEOG 114	GEOG 1120 (102)	GEOG 100			GEOG 101 (211)		
NWCC	GEOG 150	GEOG 160 (102)			GEOG 203	GEOG 210 (211)		GEOG 204
OC	GEOG 111		GEOG 128 or 129					
Selkirk			GEOG 140		GEOG 232			
CapU	GEOG 114	GEOG 112 (102)	GEOG 100	GEOG 214	GEOG 212			
KPU	GEOG 1110	GEOG 1120 (102)	GEOG 1101	GEOG 2310	GEOG 2320		GEOG 2390	GEOG 2400

Table 4.9 – University of Northern British Columbia - Geography Major, Bachelor of Arts

Sending Institution	<i>Bachelor of Arts</i>								
	GEOG 100	GEOG 101	GEOG 200	GEOG 202	GEOG 203 or 207	GEOG 204	GEOG 205	GEOG 206	GEOG 210
Camosun	GEOG 100	GEOG 102	GEOG 105	GEOG 222	GEOG 104 (203)		GEOG 217		GEOG 276
CNC	GEOG 102	GEOG 101		GEOG 203	GEOG 103 (203)				GEOG 202
Coquitlam	GEOG 203	GEOG 100		GEOG 201	GEOG 120 (203)				
COTR			GEOG 210			GEOG 211	GEOG 104		GEOG 102
Douglas	GEOG 1130	GEOG 1100	GEOG 1160	GEOG 2212	GEOG 1180 (203)		GEOG 1170	GEOG 2213	GEOG 1120
Langara	GEOG 1155	GEOG 1170	GEOG 1150	GEOG 2250	GEOG 1120 (203)		GEOG 2210		GEOG 1190
NIC		GEO 112	GEO 205		GEO 200 (203)		GEO 215		GEO 206
NLC	GEOG 101	GEOG 100			GEOG 103 (203)		GEOG 250	GEOG 240	GEOG 112
NWCC	GEOG 110	GEOG 111	GEOG 225	GEOG 222	GEOG 226 (203)	GEOG 204		GEOG 221	GEOG 160
OC	GEOG 210	GEOG 129		GEOG 221	GEOG 224 (203)		GEOG 272		GEOG 222
Selkirk			GEOG 136	GEOG 230	GEOG 240 (203)		GEOG 254		GEOG 232
CapU	GEOG 101	GEOG 100	GEOG 106	GEOG 200	GEOG 208 (203)		GEOG 221		GEOG 212
KPU		GEOG 1101	GEOG 1160	GEOG 1212	GEOG 2140 (203)	GEOG 2400	GEOG 1120 or 2320	GEOG 3130	GEOG 2320

Table 4.10 – University of Northern British Columbia - Geography Major, Bachelor of Science

Sending Institution	<i>Bachelor of Science</i>					
	GEOG 100	GEOG 101	GEOG 111	GEOG 200	GEOG 205	GEOG 210
Camosun	GEOG 100	GEOG 102		GEOG 105	GEOG 217	GEOG 276
CNC	GEOG 102	GEOG 101				GEOG 202
Coquitlam	GEOG 203	GEOG 100				
COTR				GEOG 210	GEOG 104	GEOG 102
Douglas	GEOG 1130	GEOG 1100		GEOG 1160	GEOG 1170	GEOG 1120
Langara	GEOG 1155	GEOG 1170		GEOG 1150	GEOG 2210	GEOG 1190
NIC		GEO 112		GEO 205	GEO 215	GEO 206
NLC	GEOG 101	GEOG 100			GEOG 250	GEOG 112
NWCC	GEOG 110	GEOG 111		GEOG 225		GEOG 160
OC	GEOG 210	GEOG 129			GEOG 272	GEOG 222
Selkirk				GEOG 136	GEOG 254	GEOG 232
CapU	GEOG 101	GEOG 100		GEOG 106	GEOG 221	GEOG 212
KPU		GEOG 1101		GEOG 1160	GEOG 1120 or 2320	GEOG 2320

Table 4.11A – University of Victoria - Geography Major, Bachelor of Arts

Sending Institution	<i>Bachelor of Arts</i>						
	GEOG 101A	GEOG 101B	GEOG 103	GEOG 226	At least two from GEOG 209, 211, 218	At least one from GEOG 272, 274, 276	GEOG 222
Camosun	GEOG 100	GEOG 102	GEOG 111	GEOG 216	GEOG 220, 222, 232	GEOG 272, 274, 276	GEOG 217
CNC		GEOG 101			GEOG 203 (211), GEOG 205 (218)	GEOG 204 (272), 202 (276)	GEOG 210
Coquitlam	GEOG 203	GEOG 100	GEOG 101 & GEOG 102 ¹		GEOG 201 (211), 204 (218)		
COTR			GEOG 101 & GEOG 102 ²				GEOG 211
Douglas	GEOG 1130	GEOG 1100	GEOG 1110 & GEOG 1120 ³	GEOG 2251	GEOG 2212 (211)	GEOG 2210, 2230, 2220	GEOG 2270
Langara	GEOG 1155	GEOG 1170	GEOG 1180 & GEOG 1190 ⁴		GEOG 2155, 2250, 2270	GEOG 2280 (272), 2290 (276)	
NIC	GEO 111	GEO 112	GEO 105 & GEO 106 ⁵		GEO 210 (209)	GEO 214 (274)	
NLC	GEOG 101	GEOG 100	GEOG 112 & GEOG 114 ⁶				GEOG 260
NWCC	GEOG 110	GEOG 111	GEOG 150 & GEOG 160 ⁷		GEOG 222 (211)	GEOG 201, 202, 203	GEOG 204
OC	GEOG 129	GEOG 128	GEOG 111 & GEOG 121 ⁸	GEOG 270	GEOG 221 (211), 211 (218)	GEOG 212 (272), 222 (276)	
Selkirk			GEOG 130		GEOG 230 (211), 140 (218)	GEOG 232 (276)	
CapU	GEOG 101 & GEOG 102 ⁹	GEOG 100	GEOG 112 & GEOG 114 ¹⁰		GEOG 200 (211)	GEOG 214 (272), 212 (276)	
KPU		GEOG 1101	GEOG 110 & GEOG 1120 ¹¹	GEOG 2390	GEOG 1212 (211)	GEOG 2310, 2340, 2320	GEOG 2400

- Notes:**
1. Cluster credit: UVIC GEOG 100P lev; COQU GEOG 101 & COQU GEOG 102 = UVIC GEOG 103 & UVIC GEOG 100p lev.
 2. Cluster credit: UVIC GEOG 110P lev; COTR GEOG 101 & COTR 102 = UVIC GEOG 103 & UVIC EOS 120.
 3. Cluster credit: UVIC GEOG 100P lev; DOUG GEOG 1110 & DOUG GEOG 1120 = UVIC GEOG 103 & UVIC GEOG 100p lev.
 4. Cluster credit: UVIC GEOG 100P lev; LANG GEOG 1180 & LANG GEOG 1190 = UVIC GEOG 103 & UVIC EOS 120.
 5. Cluster credit: UVIC GEOG 100P lev; NIV GEO 105 & GEO 106 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 6. Cluster credit: UVIC GEOG 100P lev; NLC GEOG 112 & NLC GEOG 114 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 7. Cluster credit: UVIC GEOG 100P lev; NWCC GEOG 150 & NWCC GEOG 160 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 8. Cluster credit: UVIC GEOG 100P lev; OC GEOG 111 & OC GEOG 121 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 9. Cluster credit: UVIC GEOG 101A; CAPU GEOG 101 & CAPU GEOG 102 = UVIC GEOG 101A & UVIC GEOG 100E lev.
 10. Cluster credit: UVIC GEOG 100P lev; CAPU GEOG 112 & CAPU GEOG 114 = UVIC EOS 120 & UVIC GEOG 103.
 11. Cluster credit: UVIC 100P lev; KWAN GEOG 1110 & KWAN GEOG 1120 = UVIC GEOG 103 & UVIC EOS 120.

Table 4.11B – University of Victoria - Geography Major, Bachelor of Arts (cont'd)

Sending Institution	<i>Coastal Studies Concentration</i>	<i>Environment and Sustainability Concentration</i>	<i>Geomatics Concentration</i>			<i>Urban Health and Development Studies Concentration</i>	
	GEOG 252 or 352	GEOG 209	GEOG 222	GEOG 226	GEOG 228	GEOG 211	GEOG 218
Camosun		GEOG 220	GEOG 217	GEOG 216	GEOG 218	GEOG 222	GEOG 232
CNC			GEOG 210			GEOG 203	GEOG 205
Coquitlam						GEOG 201	GEOG 204
COTR			GEOG 211				
Douglas			GEOG 2270	GEOG 2251		GEOG 2212	
Langara		GEOG 2155				GEOG 2250	GEOG 2270
NIC		GEO 210					
NLC			GEOG 260				
NWCC			GEOG 204			GEOG 222	
OC				GEOG 270		GEOG 211	GEOG 211
Selkirk						GEOG 230	GEOG 140
CapU						GEOG 200	
KPU			GEOG 2400	GEOG 2390		GEOG 1212	

Table 4.12A – University of Victoria - Geography Major, Bachelor of Science

Sending Institution	<i>Bachelor of Science</i>					
	GEOG 101A	GEOG 101B	GEOG 103	GEOG 222, 226, 228	At least two from GEOG 272, 274, 276	At least one from GEOG 209, 211, 218
Camosun	GEOG 100	GEOG 102	GEOG 111	GEOG 217, 216, 218	GEOG 272, 274, 276	GEOG 220, 222, 232
CNC		GEOG 101		GEOG 210 (222)	GEOG 204 (272), 202 (276)	GEOG 203 (211), 205 (218)
Coquitlam	GEOG 203	GEOG 100	GEOG 101 & GEOG 102 ¹			GEOG 201 (211), 204 (218)
COTR			GEOG 101 & GEOG 102 ²	GEOG 211 (222)		
Douglas	GEOG 1130	GEOG 1100	GEOG 1110 & GEOG 1120 ³	GEOG 2270 (222), 2251 (226)	GEOG 2210, 2230, 2220	GEOG 2212 (211)
Langara	GEOG 1155	GEOG 1170	GEOG 1180 & GEOG 1190 ⁴			GEOG 2155, 2250, 2270
NIC	GEO 111	GEO 112	GEO 105 & GEO 106 ⁵		GEO 214 (274)	GEO 210 (209)
NLC	GEOG 101	GEOG 100	GEOG 112 & GEOG 114 ⁶	GEOG 260 (222)		
NWCC	GEOG 110	GEOG 111	GEOG 150 & GEOG 160 ⁷	GEOG 204 (222)	GEOG 201, 202, 203	GEOG 222 (211)
OC	GEOG 129	GEOG 128	GEOG 111 & GEOG 121 ⁸	GEOG 270 (226)	GEOG 212 (272), 222 (276)	GEOG 221 (211), 211 (218)
Selkirk			GEOG 130		GEOG 232 (276)	GEOG 230 (211), 140 (218)
CapU	GEOG 101 & GEOG 102 ⁹	GEOG 100	GEOG 112 & GEOG 114 ¹⁰		GEOG 214 (272), 212 (276)	GEOG 200 (211)
KPU		GEOG 1101	GEOG 110 & GEOG 1120 ¹¹	GEOG 2400 (222), 2390 (226)	GEOG 2310, 2340, 2320	GEOG 1212 (211)

- Notes:**
1. Cluster credit: UVIC GEOG 100P lev; COQU GEOG 101 & COQU GEOG 102 = UVIC GEOG 103 & UVIC GEOG 100p lev.
 2. Cluster credit: UVIC GEOG 110P lev; COTR GEOG 101 & COTR 102 = UVIC GEOG 103 & UVIC EOS 120.
 3. Cluster credit: UVIC GEOG 100P lev; DOUG GEOG 1110 & DOUG GEOG 1120 = UVIC GEOG 103 & UVIC GEOG 100p lev.
 4. Cluster credit: UVIC GEOG 100P lev; LANG GEOG 1180 & LANG GEOG 1190 = UVIC GEOG 103 & UVIC EOS 120.
 5. Cluster credit: UVIC GEOG 100P lev; NIV GEO 105 & GEO 106 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 6. Cluster credit: UVIC GEOG 100P lev; NLC GEOG 112 & NLC GEOG 114 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 7. Cluster credit: UVIC GEOG 100P lev; NWCC GEOG 150 & NWCC GEOG 160 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 8. Cluster credit: UVIC GEOG 100P lev; OC GEOG 111 & OC GEOG 121 = UVIC GEOG 103 & UVIC GEOG 100P lev.
 9. Cluster credit: UVIC GEOG 101A; CAPU GEOG 101 & CAPU GEOG 102 = UVIC GEOG 101A & UVIC GEOG 100E lev.
 10. Cluster credit: UVIC GEOG 100P lev; CAPU GEOG 112 & CAPU GEOG 114 = UVIC EOS 120 & UVIC GEOG 103.
 11. Cluster credit: UVIC 100P lev; KWAN GEOG 1110 & KWAN GEOG 1120 = UVIC GEOG 103 & UVIC EOS 120.

Table 4.12B – University of Victoria - Geography Major, Bachelor of Science (cont'd)

Sending Institution	<i>Coastal Studies Concentration</i>	<i>Environment and Sustainability Concentration</i>	<i>Geomatics Concentration</i>			<i>Physical Geography Concentration</i>		
	GEOG 252 or 352	GEOG 209	GEOG 222	GEOG 226	GEOG 228	GEOG 272	GEOG 274	GEOG 276
Camosun		GEOG 220	GEOG 217	GEOG 216	GEOG 218	GEOG 272	GEOG 274	GEOG 276
CNC			GEOG 210			GEOG 204		GEOG 202
Coquitlam								
COTR			GEOG 211					
Douglas			GEOG 2270	GEOG 2251		GEOG 2210	GEOG 2230	GEOG 2220
Langara		GEOG 2155				GEOG 2280		GEOG 2290
NIC		GEO 210					GEO 214	
NLC			GEOG 260					
NWCC			GEOG 204			GEOG 201	GEOG 202	GEOG 203
OC				GEOG 270		GEOG 212		GEOG 222
Selkirk								GEOG 232
CapU						GEOG 214		GEOG 212
KPU			GEOG 2400	GEOG 2390		GEOG 2310	GEOG 2340	GEOG 2320

Table 4.13A – Vancouver Island University - Geography Major, Bachelor of Arts

Sending Institution	<i>General Geography Stream</i>							
	GEOG 100	GEOG 101	GEOG 211	GEOG 212	GEOG 221	GEOG 228	GEOG 230	GEOG 240
Camosun	GEOG 102	GEOG 100			GEOG 216		GEOG 232	GEOG 222
CNC							GEOG 205	GEOG 203
Coquitlam								GEOG 201
COTR			GEOG 101					
Douglas				GEOG 120	GEOG 2251		GEOG 1100	GEOG 2212
Langara			GEOG 2280				GEOG 2270	
NIC		GEO 111	GEO 105	GEO 106				
NLC			GEOG 114	GEOG 112		GEOG 250		
NWCC		GEOG 210				GEOG 204		GEOG 222
OC	GEOG 117 or 129	GEOG 111 or 128				GEOG 272		GEOG 221
Selkirk				GEOG 130			GEOG 140	
CapU	GEOG 100	GEOG 114		GEOG 112				GEOG 200
KPU								

Table 4.13B – Vancouver Island University - Geography Major, Bachelor of Arts (cont'd)

Sending Institution	<i>Natural Management Stream</i>							
	GEOG 100	GEOG 101	GEOG 211	GEOG 212	GEOG 221	GEOG 228	GEOG 240	GEOG 290
Camosun	GEOG 102	GEOG 100			GEOG 216		GEOG 222	GEOG 104
CNC							GEOG 203	GEOG 103
Coquitlam							GEOG 201	
COTR			GEOG 101					
Douglas				GEOG 120	GEOG 2251		GEOG 2212	GEOG 1180
Langara			GEOG 2280					GEOG 1120
NIC		GEO 111	GEO 105	GEO 106				GEO 200
NLC			GEOG 114	GEOG 112		GEOG 250		GEOG 103
NWCC		GEOG 210				GEOG 204	GEOG 222	GEOG 226
OC	GEOG 117 or 129	GEOG 111 or 128				GEOG 272	GEOG 221	GEOG 224
Selkirk				GEOG 130				
CapU	GEOG 100	GEOG 114		GEOG 112			GEOG 200	GEOG 208
KPU								GEOG 2140

Table 4.13C – Vancouver Island University - Geography Major, Bachelor of Arts (cont'd)

Sending Institution	<i>Urban and Regional Management Stream</i>							
	GEOG 100	GEOG 101	GEOG 211	GEOG 212	GEOG 221	GEOG 228	GEOG 230	GEOG 290
Camosun	GEOG 102	GEOG 100			GEOG 216		GEOG 232	GEOG 104
CNC							GEOG 205	GEOG 103
Coquitlam								
COTR			GEOG 101					
Douglas				GEOG 120	GEOG 2251		GEOG 1100	GEOG 1180
Langara			GEOG 2280				GEOG 2270	GEOG 1120
NIC		GEO 111	GEO 105	GEO 106				GEO 200
NLC			GEOG 114	GEOG 112		GEOG 250		GEOG 103
NWCC		GEOG 210				GEOG 204		GEOG 226
OC	GEOG 117 or 129	GEOG 111 or 128				GEOG 272		GEOG 224
Selkirk				GEOG 130			GEOG 140	
CapU	GEOG 100	GEOG 114		GEOG 112				GEOG 208
KPU								GEOG 2140

Table 4.14 – Vancouver Island University - Geography Major, Bachelor of Science

Sending Institution	<i>Geosciences Major</i>			
	GEOG 101	GEOG 211	GEOG 212	GEOG 228
Camosun	GEOG 100			
CNC				
Coquitlam				
COTR		GEOG 101		
Douglas			GEOG 120	
Langara		GEOG 2280		
NIC	GEO 111	GEO 105	GEO 106	
NLC		GEOG 114	GEOG 112	GEOG 250
NWCC	GEOG 210			GEOG 204
OC	GEOG 111 or 128			GEOG 272
Selkirk			GEOG 130	
CapU	GEOG 114		GEOG 112	
KPU	GEOG 114		GEOG 112	

Appendix V

Cross Tabulation of Lower Level Requirements by Disciplinary Subjects

Table 5.1: Lower Level Subjects Requirements by Institution Offering Majors

Institution	Total Lower Level Credits	Thematic Option (Degree)	First Year Subjects (credits)	Second Year Subjects (credits)	Legend
SFU	18	General (BA)	A (3) B (3)	C (3) E (3) G, I, K (3) N, P, Q (3)	<p>C, D (3): 3 credits in either C or D.</p> <p>A. Intro to Human Geography B. Intro to Physical Geography C. Economic Geography D. Cultural Geography E. Social Geography F. Urban Geography G. Geomorphology H. Hydrology I. Weather-Climatology J. Biometeorology K. Biogeography L. Climatology and Biogeography M. Climatology and Hydrology N. Quantitative Methods O. Qualitative Methods P. Remote Sensing Q. GIS R. Human Interaction with natural environment S. Regional Geography (local) T. Regional Geography (national) U. Regional Geography (international) V. Environment, Society and Sustainability W. Resource Management X. Historical Geography Y. Migration and Settlement Z. Coastal Processes</p>
		Environmental Sustainability (BA)	A (3) B (3)	K (3) C (3) E (3) N, P, Q (3)	
		Biogeophysical (BSc)	A (3) B (3)	G, I, K (6) C, E (3) P, Q (3)	
	21	Geoscience (BSc)	A (3) B (3)	C (3) G (3) I (3) K (3) P, Q (3)	
		Physical Geography and Spatial Information (BSc)	A (3) B (3)	P (3) Q (3) G, I, K(6) C, E (3)	
	18	GIS Stream (BSc)	A (3) B (3)	P (3) Q (3) C, E, F, G, I, K (3) N (3)	
TRU	21	All Streams (BA)	A (6) B (6)	Q (3) F, H, N, R, S, T (6)	
UBC-V	21	Environment and Sustainability (BA)	A (6) ¹ B (6)	S, V (3) ¹ Q (3) G, I, J, K (3)	
		Human Geography (BA)	A (6) ² B (6)	S, V, T (9) ²	
	12	Biogeosciences ³		I, J (3) G (3) K (3) Q (3)	

¹ Must complete 6 credits of any of the first and second year courses in A, S, V at first or second year level.

² Must complete 9 credits of any of the first and second year courses in A, S, T, V at first or second year level.

³ Must complete 3 credits of biology, 3 credits of physics, 6 credits of chemistry, 6 credits of mathematics and two communication courses.

Table 5.1: Lower Level Subjects Requirements by Institution Offering Majors (cont'd)

Institution	Total Lower Level Credits	Thematic Option (Degree)	First Year Subjects (credits)	Second Year Subjects (credits)	Legend
UBCO	18	General (BA)	A (6) B (6)	N, P (3) D – W (3)	C, D (3): 3 credits in either C or D.
UFV	26	General (BA)	A (3) B (8)	C, E (3) I, G (4) N (4) Q (4)	A. Intro to Human Geography B. Intro to Physical Geography C. Economic Geography D. Cultural Geography E. Social Geography F. Urban Geography G. Geomorphology H. Hydrology I. Weather-Climate J. Biometeorology K. Biogeography L. Climatology and Biogeography M. Climatology and Hydrology N. Quantitative Methods/Statistics O. Qualitative Methods P. Remote Sensing/Cartography Q. GIS R. Human Interaction with natural environment S. Regional Geography (provincial) T. Regional Geography (national) U. Regional Geography (international) V. Environment, Society and Sustainability W. Resource Management X. Historical Geography Y. Migration and Settlement Z. Coastal Processes
	18	Environmental Studies (BA) ⁴	A (3) B (8)	I, G (4) C, N, Q, R, V (3)	
	31	International Studies (BA) ⁴	A (3) B (8)	C, E (3) I, G (3) N (4) Q (4) U (3)	
	33	General (BSc) ⁵	A (3) B (8)	I (4) G (4) N (4) Q (4) R, V (3)	
UNBC	33	General (BA)	A (3) R (3)	G (3) Q (3) S (3) T (3) C, E, P, U, Y (12)	
	24	General (BSc) ⁶	A (3) B (3) R (3)	I (3) G (3) P (3) S (3)	

⁴ Students must also complete 3 credits of statistics at the first year level.

⁵ Students must also complete 3 credits of physics and 6 credits of biology or chemistry at the first year level.

⁶ Students must also complete 6 credits of mathematics and 6 credits of physics at the first year level and a soil science course at the second year level.

Table 5.1: Lower Level Subjects Requirements by Institution Offering Majors (cont'd)

Institution	Total Lower Level Credits	Thematic Option (Degree)	First Year Subjects (credits)	Second Year Subjects (credits)	Legend
UVIC	9	General (BA)	A (1.5) B (1.5) V (1.5)	N (1.5) C, D, W (1.5) G, M, K (1.5)	<p>C, D (3): 3 credits in either C or D.</p> <p>A. Intro to Human Geography B. Intro to Physical Geography C. Economic Geography D. Cultural Geography E. Social Geography F. Urban Geography G. Geomorphology H. Hydrology I. Weather-Climite J. Biometeorology K. Biogeography L. Climatology and Biogeography M. Climatology and Hydrology N. Quantitative Methods/Statistics O. Qualitative Methods P. Remote Sensing/Cartography Q. GIS R. Human Interaction with natural environment S. Regional Geography (provincial) T. Regional Geography (national) U. Regional Geography (international) V. Environment, Society and Sustainability W. Resource Management X. Historical Geography Y. Migration and Settlement Z. Coastal Processes</p>
	13.5	General (BSc) ⁷	A (1.5) B (1.5) V (1.5)	Q (1.5) N (1.5) P (1.5) G, K, M (3) V, C, D (1.5)	
		Coastal Studies (BA & BSc) ⁸		Z (1.5)	
		Environment & Sustainability (BA & BSc) ⁸		W (1.5)	
		Geomatics (BA & BSc) ⁸		P (1.5) N (1.5) Q (1.5)	
		Physical Geography (BSc)		G (1.5) J (1.5) M (1.5)	
		Urban Health and Development (BA)		C (1.5) D (1.5)	
TWU	9	General (BA)	A, F (3) B, V (3) T, Q (3)		
VIU	24	General (BA)	U (3) W (3)	B (3) C (3) D (3) I (3) N (3) P (3)	
		Natural Management (BA)	U (3) W (3)	B (3) C (3) I (3) N (3) T (3)	
		Urban and Regional Management (BA)	U (3) W (3)	B (3) C (3) D (3) I (3) N (3) T (3)	

⁷ Students must also complete 6 credits of mathematics at the first year level.

⁸ In addition to the general geography requirements for the BA or BSc.

Table 5.1: Lower Level Subjects Requirements by Institution Offering Majors (cont'd)

Institution	Total Lower Level Credits	Thematic Option (Degree)	First Year Subjects (credits)	Second Year Subjects (credits)	Legend
VIU	12	Geoscience (BSc) ⁹	U (3)	B (3) I (3) P (3)	<p>C, D (3): 3 credits in either C or D.</p> <p>A. Intro to Human Geography B. Intro to Physical Geography C. Economic Geography D. Cultural Geography E. Social Geography F. Urban Geography G. Geomorphology H. Hydrology I. Weather-Climate J. Biometeorology K. Biogeography L. Climatology and Biogeography M. Climatology and Hydrology N. Quantitative Methods/Statistics O. Qualitative Methods P. Remote Sensing/Cartography Q. GIS R. Human Interaction with natural environment S. Regional Geography (provincial) T. Regional Geography (national) U. Regional Geography (international) V. Environment, Society and Sustainability W. Resource Management X. Historical Geography Y. Migration and Settlement Z. Coastal Processes</p>

⁹ Student must complete 6 credits of first year mathematics, 3 credits of second year mathematics, 6 credits of chemistry and 18 credits of geology.

Table 5.2: Credits per Subject Offered by Sending Institutions

Sending Institution	Subjects																									
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Camosun	3	3	3	3		3	3		3		3			4		3	3	3	3		3					
CNC	3		3	3			3		3		3									3		3				
Coquitlam	3	3	3	3		3				3										3	3	3				
COTR		3															6		3							
Douglas	3	8	3		3		3		3		3			3		3	3	3	3	3	3					
Langara	3	6	3	3		3	3		3										3	3	3	3	3			
NIC	3	6									3								3	3	3		3	3		
NLC	3	6			3											3	3			3		3				
NWCC	6	6	3		3		3	3	3								3			3	3	3	3			
OC	6	6	3		3	3	3	3	3					3		3				3	3	3	3			
Selkirk		3	3	3												3				3	3					
CapU	3	6	3			3	3		3							3				3	3	3				
KPU	3	6				3	3	3	3		3			3			3			3	3	9				

Legend:

- A. Intro to Human Geography
- B. Intro to Physical Geography
- C. Economic Geography
- D. Cultural Geography
- E. Social Geography
- F. Urban Geography
- G. Geomorphology
- H. Hydrology
- I. Weather-Climate
- J. Biometeorology
- K. Biogeography
- L. Climatology and Biogeography
- M. Climatology and Hydrology
- N. Quantitative Methods/Statistics
- O. Qualitative Methods
- P. Remote Sensing/Cartography
- Q. GIS
- R. Human Interaction with natural environment
- S. Regional Geography (provincial)
- T. Regional Geography (national)
- U. Regional Geography (international)
- V. Environment, Society and Sustainability
- W. Resource Management
- X. Historical Geography
- Y. Migration and Settlement
- Z. Coastal Processes

Table 5.3: Number of Subjects Offered at Sending Institutions vs. Subjects Required by Receiving Institutions

Receiving Sending	SFU BA		SFU BSc				TWU	TRU BA	UBCV BA		UBCV BSc	UBCO
	General	Env. Spec.	Biogeo-physical	Geoscience	Phys. Geog.	GIS	General	General	Env. & Sust.	Human	Biogeosciences	General
Camosun	5/6	5/6	6/6	7/7	7/7	6/6	3/3	4/7	3/7	3/6	3/4	4/6
CNC	3/6	3/6	3/6	6/7	5/7	2/6	3/3	2/7	4/7	4/6	4/4	2/6
Coquitlam	3/6	3/6	3/6	3/7	3/7	3/6	1/3	4/7	4/7	4/6	1/4	3/6
COTR	2/6	2/6	2/6	2/7	2/7	2/6	3/3	3/7	2/7	2/6	1/4	2/6
Douglas	5/6	6/6	6/6	7/7	7/7	6/6	3/3	5/7	6/7	5/6	4/4	5/6
Langara	4/6	3/6	5/6	5/7	5/7	3/6	3/3	5/7	5/7	6/6	2/4	4/6
NIC	3/6	3/6	3/6	3/7	2/7	2/6	3/3	5/7	5/7	6/6	3/4	4/6
NLC	4/6	4/6	4/6	3/7	4/7	4/6	3/3	5/7	5/7	5/6	1/4	5/6
NWCC	6/6	5/6	5/6	6/7	6/7	4/6	3/3	7/7	6/7	6/6	3/4	5/6
OC	6/6	5/6	6/6	6/7	6/7	5/6	3/3	6/7	6/7	6/6	2/4	6/6
Selkirk	3/6	3/6	5/6	3/7	3/7	3/7	2/3	3/7	2/7	3/6	0/4	3/6
CapU	5/6	4/6	5/6	6/7	6/7	4/6	3/3	5/7	5/7	5/6	2/4	5/6
KPU	4/6	4/6	5/5	6/7	6/7	4/6	3/3	6/7	6/7	5/6	4/4	5/6

Table 5.3: Number of Subjects Offered at Sending Institutions vs. Subjects Required by Receiving Institutions (cont'd)

Receiving Sending	UFV BA			UFV BSc	UNBC BA	UNBC BSc	UVIC BA	UVIC BSc	VIU BA
	General	Env. Sc.	Intl Studies	General	General	General	General	Coastal Studies	General
Camosun	6/6	4/5	7/8	7/7	7/10	8/8	6/6	8/8	7/8
CNC	3/6	3/5	3/8	4/7	4/10	3/8	5/6	4/8	4/8
Coquitlam	3/6	3/6	4/8	2/7	4/10	2/8	4/6	4/8	5/8
COTR	2/6	2/6	2/8	2/7	2/10	1/8	1/6	2/8	1/8
Douglas	6/6	6/6	8/8	7/7	10/10	8/8	5/6	7/8	5/8
Langara	5/6	5/6	8/8	6/7	7/10	5/8	5/6	5/8	6/8
NIC	3/6	5/6	3/8	4/7	4/10	4/8	4/6	5/8	2/8
NLC	5/6	4/6	5/8	5/7	6/10	3/8	4/6	5/8	2/8
NWCC	6/6	5/6	7/8	7/7	9/10	5/8	5/6	5/8	4/8
OC	6/6	5/6	7/8	7/7	9/10	7/8	6/6	7/8	6/8
Selkirk	3/6	2/6	2/8	1/7	5/10	2/8	2/6	3/8	4/8
CapU	5/6	5/6	5/8	4/7	8/10	6/8	4/6	4/8	4/8
KPU	5/5	5/5	7/8	7/7	6/10	6/8	4/6	5/8	3/8

Appendix VI

Questionnaire to BC Post-Secondary Institutions

1. How many geography majors transfer to your institutions?/How many geography students transfer out of your institution to another?
2. How do you assist incoming transfer students at your institution?
3. What do you think are the key barriers to students transferring from or to your program?
 - a. Do you think a flexible pre-major would be useful?
 - b. In what ways would it address these barriers?
4. What barriers do you see in reaching or implementing a FPM agreement at your institution? In general?
5. If you had to change one or more courses at your institution to make a flexible pre-major agreement possible, what would that process look like in your institution? How long might it take?
6. Should FPM be determined through an analysis of learning outcome or only through course equivalency?
7. Any other comments or questions you think should be asked?