



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <p><input type="text" value="B.Sc."/></p> <p>1.1 Major (Legacy= Subject) (30-char. max.)</p> <p><input type="text" value="Geography"/></p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p> <p><input type="text"/></p> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <p><input type="text"/></p> <p>1.4 Category</p> <table border="0"> <tr> <td><input type="checkbox"/> Faculty Program (FP)</td> <td><input type="checkbox"/> Honours (HON)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Major</td> <td><input type="checkbox"/> Joint Honours Component (HC)</td> </tr> <tr> <td><input type="checkbox"/> Joint Major</td> <td><input type="checkbox"/> Internship/Co-op</td> </tr> <tr> <td><input type="checkbox"/> Major Concentration (CON)</td> <td><input type="checkbox"/> Thesis (T)</td> </tr> <tr> <td><input type="checkbox"/> Minor</td> <td><input type="checkbox"/> Non-Thesis (N)</td> </tr> <tr> <td><input type="checkbox"/> Minor Concentration (CON)</td> <td><input type="checkbox"/> Other</td> </tr> <tr> <td></td> <td>Please specify</td> </tr> <tr> <td></td> <td><input type="text"/></td> </tr> </table> <p>1.5 Complete Program Title</p> <p><input type="text" value="B.Sc. Major in Geography"/></p>	<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)	<input checked="" type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)	<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op	<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)	<input type="checkbox"/> Minor	<input type="checkbox"/> Non-Thesis (N)	<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other		Please specify		<input type="text"/>	<p>2.0 Administering Faculty/Unit</p> <p><input type="text" value="Science"/></p> <p>Offering Faculty/Department</p> <p><input type="text" value="Geography"/></p> <p>3.0 Effective Term of revision or retirement Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) <input type="checkbox"/> Retirement</p> <p>Term: <input type="text" value="200809"/></p> <p>4.0 Existing Credit Weight Proposed Credit Weight</p> <p><input type="text" value="58"/> <input type="text" value="58"/></p> <p>5.0 Rationale for revised program</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>GEOG 350 will not be regularly offered and newly offered GEOG 470 will provide a similar learning experience.</p> </div>
<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)																
<input checked="" type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)																
<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op																
<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)																
<input type="checkbox"/> Minor	<input type="checkbox"/> Non-Thesis (N)																
<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other																
	Please specify																
	<input type="text"/>																

6.0 Revised Program Description (Maximum 150 words)

7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Required Courses (22 credits)

GEOG 201 Introductory Geo-Information Science 3
 GEOG 203 Environmental Systems 3
 GEOG 216 Geography of the World Economy 3
 GEOG 217 The Canadian City 3
 GEOG 272 Earth's Changing Surface 3
 GEOG 302 Environmental Management 3
 GEOG 351 Quantitative Methods 3
 GEOG 290 Local Geographical Excursion 1

Complementary Courses (36 credits)

3 credits of statistics*
 BIOL 373 Biometry 3
 GEOG 202 Statistics and Spatial Analysis 3
 MATH 203 Principles of Statistics 1 3
 PSYC 204 Introduction to Psychological Statistics 3
 SOCI 350 Statistics in Social Research 3

3 credits of GIS techniques

GEOG 306 Raster Geo-Information Science 3
 GEOG 308 Principles of Remote Sensing 3

12 credits of systematic physical Geography

GEOG 305 Soils and Environment 3
 GEOG 321 Climatic Environments 3
 GEOG 322 Environmental Hydrology 3
~~GEOG 350 Ecological Biogeography 3~~
 GEOG 372 Running Water Environments 3

3 credits of field courses

GEOG 495 Field Studies – Physical Geography 3
 GEOG 496 Geographical Excursion 3
 GEOG 497 Ecology of Coastal Waters 3
 GEOG 499 Subarctic Field Studies 3

15 credits from approved courses in Geography, or elsewhere in the Faculty of Science, or in the Faculty of Engineering; at least 9 credits of which are to be taken outside Geography. Students may also include any courses that are not already counted towards the GIS techniques or the systematic physical geography requirements.

Required Courses (22 credits)

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 GEOG 217 The Canadian City 3
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3 credits of GIS techniques

GEOG 306 Raster Geo-Information Science 3
 GEOG 308 Principles of Remote Sensing 3

12 credits of systematic physical Geography

GEOG 305 Soils and Environment 3
 GEOG 321 Climatic Environments 3
 GEOG 322 Environmental Hydrology 3
 GEOG 372 Running Water Environments 3
GEOG 470 Wetlands 3

3 credits of field courses

GEOG 495 Field Studies – Physical Geography 3
 GEOG 496 Geographical Excursion 3
 GEOG 497 Ecology of Coastal Waters 3
 GEOG 499 Subarctic Field Studies 3

15 credits from approved courses in Geography, or elsewhere in the Faculty of Science, or in the Faculty of Engineering; at least 9 credits of which are to be taken outside Geography. Students may also include any courses that are not already counted towards the GIS techniques or the systematic physical geography requirements.

8.0 Consultation with
Related Units

Yes No

Financial Consult Yes No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	<input type="text"/>	<input type="text"/>	<input type="text"/>
Curric/Acad Committee	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 3	<input type="text"/>	<input type="text"/>	<input type="text"/>
SCTP	<input type="text"/>	<input type="text"/>	<input type="text"/>
GS	<input type="text"/>	<input type="text"/>	<input type="text"/>
APPC	<input type="text"/>	<input type="text"/>	<input type="text"/>
Senate	<input type="text"/>	<input type="text"/>	<input type="text"/>

Submitted by

Name
Phone
Email
Submission Date

To be completed by ARR:

CIP Code