

University of  
Lethbridge



Faculty of Arts & Science

## Program Planning Guide

**Department:** Geography

**Calendar Year:** 2014/2015

**Name:** \_\_\_\_\_

**ID:** \_\_\_\_\_

**Major in Geography:**

[www.uleth.ca/artsci/geography](http://www.uleth.ca/artsci/geography)

**Academic Calendar:**

[www.uleth.ca/ross/academic-calendar](http://www.uleth.ca/ross/academic-calendar)

**High School Prerequisites by Course:**

[www.uleth.ca/ross/hs\\_prereqs/course](http://www.uleth.ca/ross/hs_prereqs/course)

**Current and Past Program Planning Guides:**

[www.uleth.ca/ross/ppgs](http://www.uleth.ca/ross/ppgs)

**Faculty of Arts and Science Student Program Services:**

[www.uleth.ca/artsci/advising](http://www.uleth.ca/artsci/advising)  
[artsci.advising@uleth.ca](mailto:artsci.advising@uleth.ca)  
(403) 329-5106  
SU060

**Co-operative Education:**

[www.uleth.ca/artsci/coop](http://www.uleth.ca/artsci/coop)

**Approved Diploma Programs:**

[www.uleth.ca/postdiploma](http://www.uleth.ca/postdiploma)

**Geography, with a Concentration in Geographical Information Science**

**Post-Diploma Bachelor of Science**

This is a planning guide and not a graduation check or guarantee of course offerings. You should have a program check done in your final year of studies. Students are responsible for the accuracy of their own programs. The guide should be used in conjunction with the University of Lethbridge Calendar, which is the final authority on all questions regarding program requirements and academic regulations. Contact an Academic Advisor in the Faculty of Arts and Science for advising information.

**Name :** \_\_\_\_\_

**ID :** \_\_\_\_\_

**Post-Diploma B.Sc. Geography**

Completion of at least 20 courses (60.0 credit hours) with a grade point average of at least 2.00.

**Major Requirements (14 courses)**

- \_\_\_ Computer Science 1620 - Fundamentals of Programming I
- \_\_\_ Geography 1200 - Introduction to Human Geography
- \_\_\_ Geography 2210 - Spatial Organization of Economic Activity
- \_\_\_ Geography 2700 - Geographical Data and Analysis
- \_\_\_ Geography 3720 - Remote Sensing
- \_\_\_ Geography 3740 - Geographical Information Systems
- \_\_\_ Geography 4725 - Advanced Remote Sensing
- \_\_\_ Geography 4740 - Advanced Geographical Information Systems

**Two of:**

- \_\_\_ Environmental Science 2000 - Fundamentals of Environmental Science
- \_\_\_ Geography 2030 - Geomorphology
- \_\_\_ Geography 2300 - Weather and Climate

**One of:**

- \_\_\_ Geography 3235 - Quantitative Models for Geographic Analysis
- \_\_\_ Geography 3700 - Cartography
- \_\_\_ Geography 3710 - Field Techniques in the Earth Sciences
- \_\_\_ Geography 3750 - GIS Applications in Human Geography

Two additional courses in Geography, Geology or Archaeology at the 3000 or 4000 level, with a Science designation, at least one of which must be taken at the 4000 level.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_

**One of:**

- \_\_\_ Geography 4400 - Hydrology II
- \_\_\_ Geography 4415 - Integrated Watershed Management
- \_\_\_ Geography 4700 - Advanced Computer Mapping
- \_\_\_ Geography 4710 - Remote Sensing Field Techniques
- \_\_\_ Geography 4730 - Spatial Statistics
- \_\_\_ Geography 4750 - Glacial Processes, Measurements, and Models
- \_\_\_ Geography 4751 - Project in Spatial Modelling
- \_\_\_ Geography 4753 - Seminar in Remote Sensing

**General Requirements (6 courses)**

**General Liberal Education Requirement**

*Only four courses (12.0 credit hours) in total may be counted from all courses offered by a single department. See the 2014/2015 Calendar, p. 88, for more information.*

**Three courses from LIST I: Fine Arts and Humanities Courses**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

**One course from LIST II: Social Science Courses**

\_\_\_\_\_

**One additional course from LIST I or II**

\_\_\_\_\_

**One additional course at the 3000/4000 level**

\_\_\_\_\_

**Notes**

For students who complete all requirements, the Concentration in Geographical Information Science will be acknowledged on the official transcript. Students may not take for credit courses that have close equivalents in their diploma program. Students should consult the Program Coordinator for Geography (Geographical Information Science Concentration) concerning possible adjustments to the above program requirements. Excluded courses include the following: Geography 1000 and Geography 2735.

## Sample Sequencing Plan

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Shown below is a sample sequence of courses for your degree. If you follow this plan, you should be able to graduate in two years, provided you complete five courses per semester. This is just one example of how you could complete your major and degree requirements; you may find that a different sequence works as well as this one.

<p><b>Year 1, Fall</b>                      Two of: Environmental Science 2000, Geography 2030, Geography 2300                      Geography 1200                      Geography 3720                      GLER course</p>	<p><b>Year 1, Spring</b>                      Computer Science 1620                      Geography 2700                      Geography 3740                      Geographical Techniques course                      GLER course</p>
<p><b>Year 2, Fall</b>                      Geography 2210                      Geography 4725                      Geography 4740                      Geography, Geology, or Archaeology 3000/4000 level (science)                      GLER course</p>	<p><b>Year 2, Spring</b>                      Geography, Geology, or Archaeology 3000/4000 level (science)                      Geography 4000-level list course                      Elective 3000/4000 level                      GLER course                      GLER course</p>

## Terms Used

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**GLER course:** A course that could count toward the General Liberal Education Requirement. You may use courses in your major towards this 12-course requirement. See the 2014/2015 University of Lethbridge Calendar, Part 4 - Academic Regulations (p. 88) for complete information.

**Elective:** A course that you may choose freely from all those available and applicable to your program. Use courses inside or outside your major, bearing in mind any restrictions that may apply (e.g., a maximum of 24 courses from any one discipline).



**[www.ulethbridge.ca](http://www.ulethbridge.ca)**

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