

University of
Lethbridge



Program Planning Guide

Name: _____

ID: _____

Calendar Year: 2021/2022

Major in Geography:

www.uleth.ca/artsci/geography

Academic Calendar:

www.uleth.ca/ross/academic-calendar

High School Admission Requirements:

www.uleth.ca/ross/admissions/undergrad/high-school

Current and Past Program Planning Guides:

www.uleth.ca/ross/ppgs

Co-operative Education:

www.uleth.ca/career-bridge/co-operative-education

Faculty of Arts and Science Advising:

www.uleth.ca/artsci/advising
artsci.advising@uleth.ca
403-329-5106
M2102

Post-Diploma Bachelor of Science
Geography, with a Concentration in Geographical Information 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 (www.uleth.ca/ross/academic-advising) for advising information.

Name : _____

ID : _____

Program Requirements

Completion of at least 20 courses (60.0 credit hours) from disciplines offered by the Faculty of Arts and Science, Faculty of Fine Arts, or School of Liberal Education (i.e. no courses labelled ABHL, ACCT, ADCS, AGEM, CDEV, CRED, EDUC, FINC, HLSC, HRLR, IGBM, IMGT, MGT, MKTG, NURS, PUBH, or TREC) with a grade point average of at least 2.00.

Required core (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 3700 - Mapping in the Cloud
- _____ Geography 3710 - Field Techniques in the Earth Sciences

One of:

- _____ Geography 4400 - Advanced Hydrology
- _____ Geography 4415 - Integrated Watershed Management
- _____ Geography 4700 - Advanced Digital Mapping
- _____ Geography 4710 - Remote Sensing Field Techniques
- _____ Geography 4751 - Spatial Modelling
- _____ Geography 4753 - Seminar in Remote Sensing
- _____ Remote Sensing 4650 - Physics of Remote Sensing
- _____ One additional course (3.0 credit hours) in Geography, Geology or Archaeology at the 3000/4000 level, with a Science designation
 - 1. _____
- _____ One additional course (3.0 credit hours) in Geography, Geology or Archaeology at the 4000 level, with a Science designation
 - 1. _____

Electives (six courses):

- _____ Three courses (9.0 credit hours) from List I: Fine Arts and Humanities
 - 1. _____
 - 2. _____
 - 3. _____
- _____ One course (3.0 credit hours) from List II: Social Sciences
 - 1. _____
- _____ One course (3.0 credit hours) from List I: Fine Arts and Humanities or List II: Social Sciences
 - 1. _____
- _____ One additional course (3.0 credit hours) at the 3000/4000 level, excluding Activity courses (labeled PHAC and MUSE)
 - 1. _____

Notes

Courses labeled as “electives” may be used towards a minor if a minor is chosen.

To determine if a given course has a Fine Arts and Humanities, Social Science, or Science designation, see List I: Fine Arts and Humanities Courses, List II: Social Science Courses, and List III: Science Courses (refer to the 2021/2022 University of Lethbridge Calendar, p. 79).

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

Shown below is a sample sequence of courses for your degree. Consult timetables for course offerings, prerequisites, and corequisites before registering each term. 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.

Year 1, Fall

Two of: Environmental Science 2000, Geography 2030,
Geography 2300

Geography 3720

Geography 3740

Lib Ed Requirement course

Year 2, Fall

Geography 2210

Geography 4740

Geography 4000-level list course

Geography, Geology, or Archaeology 4000 level
(science)

Lib Ed Requirement course

Year 1, Spring

Computer Science 1620

Geography 1200

Geography 2700

Geographical Techniques course

Lib Ed Requirement course

Year 2, Spring

Geography 4725

Geography, Geology, or Archaeology 3000/4000 level
(science)

Elective 3000/4000 level

Lib Ed Requirement course

Lib Ed Requirement course

Note: Courses in **bold** in Years 1 and 2 of the sample sequence are prerequisite(s) for required courses and should be completed early in your program. Students are advised to review the prerequisites for elective courses within the major and plan accordingly



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