



PROGRAM PLANNING GUIDE

ID:

Name: _____

Bachelor of Science

Geography



Geography deals with the diverse landscapes around us. The primary focus of the program is to give you the skills necessary to analyze the organization and interaction of all creatures and ecological processes on the planet — and sometimes beyond it — to address real-world issues. You'll have access to the latest hardware and software available in geography, economics, environment, agriculture, ecology, planning etc, as well as state-of-the-art facilities like the Alberta Water and Environmental Science Building.

What determines my program requirements?

Please refer to the Academic Calendar (www.ulethbridge.ca/ross/academic-calendar) for complete program information.

Calendar Year: 2024/2025 - Your calendar year is set to the academic year you are admitted (or readmitted) and you should follow the requirements for that year for the duration of your program.

Faculty/School: Faculty of Arts and Science (www.ulethbridge.ca/artsci)

Program(s): Bachelor of Science

Major(s): Geography

Minor: A defined set of courses, designed to provide depth in a particular discipline, study in an interdisciplinary area, or focus on a theme-related topic. To learn more about optional minors see www.ulethbridge.ca/ross/minors.

Am I admissible to this program?

Admission: www.ulethbridge.ca/ross/admissions/undergrad

Transfer: www.ulethbridge.ca/ross/transfer-resources

When/How do I apply to the University?

Deadlines: www.ulethbridge.ca/ross/admissions/undergrad/deadlines

Step-by-Step: www.ulethbridge.ca/ross/admissions/step-by-step

Where can I find information on courses?

Course Catalogue: www.ulethbridge.ca/ross/courses

Registration Guide: www.ulethbridge.ca/ross/registration-guide

When can I register for classes?

Register early! (March for Summer and Fall; November for Winter)

Registration Dates: www.ulethbridge.ca/ross/registration-dates

How can I enhance my program?

Career Bridge: www.ulethbridge.ca/career-bridge

Co-op Education: www.ulethbridge.ca/career-bridge/co-operative-education

Honours Thesis: www.ulethbridge.ca/ross/undergraduate-thesis

Double Major: www.ulethbridge.ca/ross/double-major

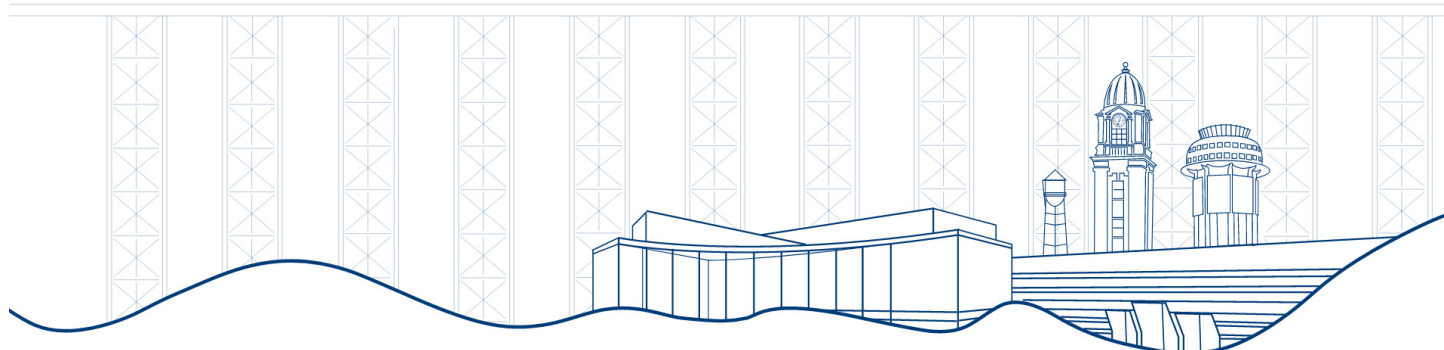
What supports are available to students?

Student Services: www.ulethbridge.ca/campus-life/student-services

Student Success Centre: www.ulethbridge.ca/student-success-centre

Accessible Learning: www.ulethbridge.ca/ross/alc

Counselling Services: www.ulethbridge.ca/counselling





Required courses and notes

Major Requirements (19 Courses)

- 1. Archaeology 1000 - Introduction to Archaeology
2. Environmental Science 2000 - Fundamentals of Environmental Science
3. Geography 1000 - Introduction to Physical Geography
4. Geography 1200 - Introduction to Human Geography
5. Geography 2210 - Spatial Organization of Economic Activity
6. Geography 2700 - Geographical Data and Analysis
7. Geography 2735 - Introduction to Geographical Information Science
8.-10. Three of (Physical Geography):
11. One of (Field Course):
12. One of (Spatial Science):
13. One of:
14. One of:
15. One of:
16.-18. Three additional courses (9.0 credit hours) in Geography at the 3000 or 4000 level with a Science designation
19. One course (3.0 credit hours) in Geography at the 3000 or 4000 level with a Social Science designation

Electives (21 Courses)

- 20.-40. Twenty-one additional courses (63.0 credit hours) chosen to complete program requirements
20.
21.
22.
23.
24.
25.
26.
27.
28.
29.
30.
31.
32.
33.
34.
35.
36.
37.
38.
39.
40.

Notes

To determine if a given course in Geography has a Social Science or Science designation, see School of Liberal Education in the 2024/2025 University of Lethbridge Calendar, www.ulethbridge.ca/ross/academic-calendar.

Optional Concentration: Geographical Information Science

Courses taken to complete the concentration will fill in as electives in the program requirements above.

For information about the Geographical Information Science concentration, see Faculty of Arts and Science in the 2024/2025 University of Lethbridge Calendar, www.ulethbridge.ca/ross/academic-calendar.

1.-5. Required Courses

- 1.
2.
3.
4.
5.



Required courses and notes

Liberal Education List Requirement

Only four courses (12.0 credit hours) in total may be counted from any one discipline toward the Lib Ed Requirement. Disciplines are identified by separate course subject codes. Cross-listed courses count toward the limit for both disciplines (e.g. IGBM 3250/INDG 3250 counts toward the limit for Dhillon School of Business courses and Indigenous Studies).

Only four courses (12.0 credit hours) in total from the Faculty of Education (EDUC), Faculty of Health Sciences (ABHL, ADCS, HLSC, NURS, PUBH, and TREC), and the Dhillon School of Business (ACCT, AGEM, FINC, HRLR, IGBM, IMG, MGT, and MKTG) may be counted towards the Lib Ed Requirement.

To determine if a course has a Liberal Education designation, see School of Liberal Education in the 2024/2025 University of Lethbridge Undergraduate Calendar, www.ulethbridge.ca/ross/academic-calendar.

- _____ **1.-4. List I: Fine Arts and Humanities**
- _____ 1. _____
 - _____ 2. _____
 - _____ 3. _____
 - _____ 4. _____

- _____ **5.-8. List II: Social Science**
- _____ 5. _____
 - _____ 6. _____
 - _____ 7. _____
 - _____ 8. _____

- _____ **9.-12. List III: Science**
- _____ 9. _____
 - _____ 10. _____
 - _____ 11. _____
 - _____ 12. _____

General Requirements

- _____ A minimum of 40 courses (120.0 credit hours) with a GPA of at least 2.00.
- _____ A maximum of five Independent Study courses (15.0 credit hours) may be completed for credit towards the degree.
- _____ A maximum of five Disciplinary Credit Applied Studies courses (15.0 credit hours) may be completed for credit towards the degree. Students may, in addition, complete Applied Studies 2000, 2001, 2010, and 2011.
- _____ A maximum of 24 courses (72.0 credit hours) may be completed from any one discipline for credit towards the degree. Disciplines are identified by a specific course label (e.g. KNES, ASTR, and HIST are separate disciplines).
- _____ A maximum of 6.0 credit hours in Activity courses (i.e. courses labelled PHAC and MUSE) may be completed for credit towards the degree, except for Kinesiology majors (not more than 15.0 credit hours) and Music majors (not more than 12.0 credit hours).
- _____ A maximum of six courses (18.0 credit hours) from disciplines offered outside the Faculty of Arts and Science, Faculty of Fine Arts, or School of Liberal Education may be completed for credit towards the degree (i.e. labelled ABHL, ACCT, ADCS, AGEM, CDEV, CRED, EDUC, FINC, HLSC, HRLR, IGBM, IMG, MGT, MKTG, NURS, PUBH, and TREC). Courses cross-listed between the Faculty of Arts and Science and another Faculty or School do not count towards this limit.
- _____ Residence requirement: a minimum of 20 courses (60.0 credit hours) must be completed at the University of Lethbridge, including at least 10 courses (30.0 credit hours) from disciplines offered by the Faculty of Arts and Science, Faculty of Fine Arts, or School of Liberal Education at the 3000/4000 level. At least half of the courses required in the major must be completed at the University of Lethbridge.

A **maximum** of 12 courses (36.0 credit hours) may be completed at the 1000 level (or lower) for credit towards the degree, excluding Activity courses (labelled PHAC and MUSE) and courses numbered in the range of 0520 to 0530.

- _____ **1.-12. Introductory Course Limit**
- _____ 1. _____
 - _____ 2. _____
 - _____ 3. _____
 - _____ 4. _____
 - _____ 5. _____
 - _____ 6. _____
 - _____ 7. _____
 - _____ 8. _____
 - _____ 9. _____
 - _____ 10. _____
 - _____ 11. _____
 - _____ 12. _____

A **minimum** of 15 courses (45.0 credit hours) from disciplines offered by the Faculty of Arts and Science, Faculty of Fine Arts, or School of Liberal Education at the 3000/4000 level, excluding Activity courses (labelled PHAC and MUSE). Out-of-faculty courses (i.e. labelled ABHL, ACCT, ADCS, AGEM, CDEV, CRED, EDUC, FINC, HLSC, HRLR, IGBM, IMG, MGT, MKTG, NURS, PUBH, and TREC) will not meet this requirement.

- _____ **1.-15. Senior Course Requirement**
- _____ 1. _____
 - _____ 2. _____
 - _____ 3. _____
 - _____ 4. _____
 - _____ 5. _____
 - _____ 6. _____
 - _____ 7. _____
 - _____ 8. _____
 - _____ 9. _____
 - _____ 10. _____
 - _____ 11. _____
 - _____ 12. _____
 - _____ 13. _____
 - _____ 14. _____
 - _____ 15. _____

Optional Minor:

For information about minors see **Minors** in the 2024/2025 University of Lethbridge Calendar, www.ulethbridge.ca/ross/academic-calendar. Consult with an Academic Advisor if you wish to add a minor to your program.

- _____ **1.-6. Required Courses**
- _____ 1. _____
 - _____ 2. _____
 - _____ 3. _____
 - _____ 4. _____
 - _____ 5. _____
 - _____ 6. _____



Recommended Course Sequence

Shown below is the recommended sequence of courses for your degree. Consult timetables for course offerings, prerequisites, and corequisites before registering each term as some courses may have limited offerings (ie. once a year, alternating years, or only offered in the Fall or Winter terms).

Consult with an Academic Advisor in your faculty if you wish to alter this sequence with regard to the specifically listed courses.

Note that this sequence was prepared based on course scheduling at the time of publication and may change during your studies.

First Year

Archaeology 1000

Geography 1000

Geography 1200

Physical Geography course

Required Mathematics or Statistics course

Lib Ed Requirement course

Lib Ed Requirement course

Lib Ed Requirement course

Lib Ed Requirement course

Elective

Second Year

Environmental Science 2000

Geography 2210

Geography 2700

Geography 2735

Physical Geography course

Physical Geography course

Lib Ed Requirement course

Lib Ed Requirement course

Elective

Elective

Third Year

Field course

Spatial Science course

Science Geography 3000/4000 level

Science Geography 3000/4000 level

Elective 3000/4000 level

Elective 3000/4000 level

Elective 3000/4000 level

Elective

Elective

Elective

Fourth Year

One of: Geography 4900 or Geography 4000 level

Geography 4000-level list course

Science Geography 3000/4000 level

Social Science Geography 3000/4000 level

Elective 3000/4000 level

Elective 3000/4000 level

Elective 3000/4000 level

Elective 3000/4000 level

Elective

Elective

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.

Additional requirements for the Concentration in Geographical Information Science should be taken in place of Elective courses.

Students considering entry to a graduate program in Geography are advised to complete Geography 4900. They should also complete a 4000-level Independent Study course in Geography in their final year.