

University of
Lethbridge



Program Planning Guide

Name: _____

ID: _____

Calendar Year: 2023/2024

Major in General Major in the Sciences:

www.ulethbridge.ca/artsci/general-majors

Academic Calendar:

www.ulethbridge.ca/ross/academic-calendar

High School Admission Requirements:

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

Current and Past Program Planning Guides:

www.ulethbridge.ca/ross/ppgs

Co-operative Education:

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

Faculty of Arts and Science Advising:

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

Bachelor of Science
General Major in the Sciences

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.ulethbridge.ca/ross/academic-advising) for advising information.

Name : _____

ID : _____

Program Requirements

Completion of at least 40 courses (120.0 credit hours) with cumulative and graduation grade point averages of at least 2.00.

Major Requirements (20 courses)

Other Courses (minimum 20 courses)

First Disciplinary Stream: _____

1. _____
2. _____
3. _____
4. _____
5. _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

Second Disciplinary Stream: _____

1. _____
2. _____
3. _____
4. _____
5. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

Third Disciplinary Stream: _____

1. _____
2. _____
3. _____
4. _____
5. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

_____ Four additional courses (12.0 credit hours) chosen from any of the Science disciplinary streams listed right

1. _____
2. _____
3. _____
4. _____

Choose three disciplinary streams from the following list:

- Archaeology - all courses designated Science
- Biological Sciences - all Biology courses
- Chemistry - all courses (including courses in Biochemistry)
- Computer Science - all courses
- Geography - all courses designated Science
- Kinesiology - all courses designated Science (neither Kinesiology 1160 nor Kinesiology 1161 may be included)
- Mathematics - all courses (including courses in Statistics)
- Neuroscience - all courses
- Physics - all courses (including courses in Astronomy and Engineering)
- Psychology - all courses designated Science

One of (Science in Human Affairs):

- _____ Biochemistry 2300 - Elements of Human Nutrition
- _____ Biology 2500 - Biology and Society
- _____ Environmental Science 2000 - Fundamentals of Environmental Science
- _____ Philosophy 2233 - Philosophy and the World View of Science: Earth and Life Sciences
- _____ Philosophy 2234 - Philosophy and the World View of Science: Space, Time and Matter
- _____ Philosophy 3402 - Biomedical Ethics
- _____ Physics 2020 - The Physics of Everyday Life

_____ Of the 20 courses (60.0 credit hours) required in the major, seven courses (21.0 credit hours) must be at the 3000/4000 level.

Notes

To determine if a given course in a disciplinary stream has a Science designation, refer to the 2023/2024 University of Lethbridge Calendar, p. 83.

Some of the Science in Human Affairs courses have prerequisites which may or may not be included in the major.

Completion of the Liberal Education List Requirement (Lib Ed 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.

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, IMGT, MGT, and MKTG) may be counted towards the Lib Ed Requirement.

See the 2023/2024 Calendar, p. 83, for more information.

_____ Four Fine Arts and Humanities courses:

1. _____
2. _____
3. _____
4. _____

_____ Four Social Science courses:

1. _____
2. _____
3. _____
4. _____

_____ Four Science courses:

1. _____
2. _____
3. _____
4. _____

Not more than 12 courses (36.0 credit hours) may be completed at the 1000 level (or lower) [0500 - 1999] for credit towards the degree, excluding Activity courses (labelled PHAC and MUSE) and courses numbered in the range of 0520 to 0530.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Completion of at least 15 courses (45.0 credit hours) from disciplines offered by the Faculty of Arts and Science, Faculty of Fine Arts, or the 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, IMGT, MGT, MKTG, NURS, PUBH, and TREC) will not meet this requirement.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

_____ Not more than five Independent Study courses (15.0 credit hours) may be completed for credit towards the degree.

_____ Not more than 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.

_____ * Not more than 24 courses (72.0 credit hours) may be completed from any one discipline for credit towards the degree.

_____ Not more than six 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).

_____ Not more than six courses (18.0 credit hours) from disciplines 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, IMGT, MGT, MKTG, NURS, PUBH, and TREC). Courses cross-listed between the Faculty of Arts and Science and another Faculty do not count towards this limit.

_____ Residence requirement:

Degree: 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.

Major: at least half of the courses required in the major must be completed at the University of Lethbridge.

**Disciplines are identified by a specific course label (e.g. KNES, ASTR, and HIST are separate disciplines).*

_____ **Minor (Optional):** _____

See the 2023/2024 Calendar, p. 331, for more information.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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

- First Stream course
- Second Stream course
- Lib Ed Requirement course
- Lib Ed Requirement course
- Lib Ed Requirement course

Year 2, Fall

- First Stream course
- Second Stream course
- Science elective
- Lib Ed Requirement course
- Lib Ed Requirement course

Year 3, Fall

- First Stream course 3000/4000 level
- Second Stream course 3000/4000 level
- Science elective
- Elective 3000/4000 level
- Elective

Year 4, Fall

- First Stream course 3000/4000 level
- Third Stream course
- Science elective 3000/4000 level
- Elective 3000/4000 level
- Elective 3000/4000 level

Year 1, Spring

- First Stream course
- Second Stream course
- Third Stream course
- Lib Ed Requirement course
- Lib Ed Requirement course

Year 2, Spring

- Third Stream course
- Science in Human Affairs course
- Lib Ed Requirement course
- Elective
- Elective

Year 3, Spring

- Third Stream course
- Science elective 3000/4000 level
- Elective 3000/4000 level
- Elective 3000/4000 level
- Elective

Year 4, Spring

- Second Stream course 3000/4000 level
- Third Stream course 3000/4000 level
- Elective 3000/4000 level
- Elective 3000/4000 level
- Elective 3000/4000 level

Note: Students should ensure that prerequisites for senior courses in their chosen disciplinary streams are completed in the first two years. Please consult the current Calendar or Timetable and Registration Guide for prerequisites.