



Dual Admission Guide

2023-2024

Academic Calendar

[Academic Calendars | University of Lethbridge \(ulethbridge.ca\)](#)

Dual Admission Resources

[Dual Admission | University of Lethbridge \(ulethbridge.ca\)](#)

Co-operative Education

[Co-operative Education | University of Lethbridge \(ulethbridge.ca\)](#)

College of the Rockies Advising

[Student Services - College of the Rockies \(cotr.bc.ca\)](#)

studentservices@cotr.bc.ca

250-489-8243

University of Lethbridge Advising

Faculty of Arts and Science

[Academic Advising | University of Lethbridge \(ulethbridge.ca\)](#)

artsci.advising@uleth.ca

403-329-5106

Faculty of Fine Arts

[Advising | University of Lethbridge \(ulethbridge.ca\)](#)

finearts.advising@uleth.ca

403-329-2691

This guide is informational only and meant to provide a general overview for students and Academic advisors in the dual admission process. Where there is inconsistency between this guide and the University of Lethbridge Academic Calendar, the Academic Calendar will take precedence and will supersede anything written in the Dual Admission guide.

Table of Contents

Dual Admission: College of the Rockies – University of Lethbridge	3
Benefits.....	3
Eligible Degree Programs	3
Application for Dual Admission.....	4
General Admission to the UofL.....	4
Program Admission Requirements.....	4
Activation of Admission to the University of Lethbridge	4
Admission Notes	5
Receiving Transfer Credit at the UofL	6
Time Limit.....	6
Year of Calendar	7
Transitioning to the UofL – Registration	7
Co-operative Education	7
Degree Requirements.....	8
Faculty of Arts & Science	8
Faculty of Arts & Science and Faculty of Education	9
Faculty of Fine Arts.....	10
Liberal Education List Requirement (Lib Ed Requirement).....	12
Program Planning (B.A., B.Sc., B.A.Sc.).....	15
Bachelor Arts Bachelor of Science Bachelor of Arts and Science.....	15
Program Planning (B.A./B.Ed., B.Sc./B.Ed.)	31
Faculty of Education Pre-Bachelor of Arts/Bachelor of Education Pre-Bachelor of Science/Bachelor of Education	31

Dual Admission: College of the Rockies – University of Lethbridge

Dual admission is a specific transfer admission route for some degree programs between College of the Rockies (COTR) and the University of Lethbridge (U of L). Students are enrolled at College of the Rockies for up to the first two years of their degree program (minimum of 15 credit hours) and complete the remainder of their degree program at the University of Lethbridge.

Benefits

- ✓ Seamless pathway to begin your academic career at College of the Rockies and finish with a degree or degrees from the University of Lethbridge
- ✓ Learn which courses will transfer for full credit right from the start
- ✓ Access to academic advising at both institutions
- ✓ Eligibility for scholarships at both institutions. University of Lethbridge scholarships are payable during the first term of registration at the University of Lethbridge
- ✓ Early access to Cooperative Education (Co-op) opportunities and access to Co-op coordinators to assist with successful career planning and job search
- ✓ Continuing student status when applying for University of Lethbridge campus housing

Dual Admission is open to those students who wish to transfer up to 20 courses (depending on the specific target program) from a College of the Rockies diploma or degree program to one of the eligible University of Lethbridge degree programs. Students must complete a minimum of 15 credit hours (typically 5 courses) at COTR before transferring to the U of L as a dually admitted student. Students interested in University of Lethbridge programs not listed should contact an academic advisor for information about transferring to the University of Lethbridge.

Eligible Degree Programs

- ✓ Bachelor of Arts
- ✓ Bachelor of Science
- ✓ Bachelor of Arts and Science
- ✓ Pre-Bachelor of Arts/Bachelor of Education
- ✓ Pre-Bachelor of Science/Bachelor of Education
- ✓ Bachelor of Fine Arts – Art (Art Studio)
- ✓ Bachelor of Fine Arts – Multidisciplinary
- ✓ Bachelor of Fine Arts – Indigenous Art (Art Studio)
- ✓ Pre-Bachelor of Fine Arts – Art/Bachelor of Education

**A portfolio is no longer required for the Fine Arts programs listed above.*

Application for Dual Admission

Eligibility for admission to the UofL may be met through high school courses, courses taken at the College of the Rockies, or courses completed at another institution. Applicants must submit the Dual Admission Application form to the Registrar's Office at College of the Rockies by August 15th (at least one year before intending to start at the University of Lethbridge). College of the Rockies will send copies of official high school transcripts on file at the time of application to the University of Lethbridge on behalf of eligible applicants.

General Admission to the UofL

All direct-from-high school students (or those individuals who are eligible to use the High School Admissions route) who meet the Dual Admission College of the Rockies / UofL admission requirements and are enrolled at the College of the Rockies can apply for UofL general admission.

Individuals who have not met the UofL general admission requirements may take courses at the College of the Rockies prior to applying to the UofL to prepare for admission eligibility. Students must contact an academic advisor at the College of the Rockies regarding taking courses outside of the College of the Rockies or the UofL while dually admitted and may be referred to a UofL academic advising office.

Students who have transferred to the College of the Rockies may also qualify for the Dual Admission opportunity and should meet with an [academic advisor](#).

Program Admission Requirements

Students will be required to meet any additional UofL program admission requirements for their specific program and major when they "activate" their enrolment at the UofL, including competitive program admission policies and procedures.

Activation of Admission to the University of Lethbridge

To be eligible to transition to the University of Lethbridge, students must complete a minimum of 5 transferable courses (15 credit hours) at College of the Rockies with a GPA of at least a C grade at College of the Rockies (2.00 on the University of Lethbridge 4-point scale). To qualify for general admission, applicants presenting fewer than six transferable credit courses must also meet the [High School Admission Route](#) requirements.

Applicants with six or more completed transferrable credit courses are admitted as post-secondary applicants and must present an admission grade point average (GPA) of at least 2.00 (on the University of Lethbridge 4.00 GPA scale).

Students activating their attendance to the University of Lethbridge must meet UofL general admission requirements at the time of application:

Transferable Courses	Admission GPA (4.00 Scale) ¹	High School Average ²
Fewer than 6 courses	2.0	65%
6 or more courses	2.0	N/A

¹ The Admission GPA is calculated on all completed transferable courses.
² The high school average is calculated using the most advantageous combination of eligible courses.
 See [High School Admission Route | University of Lethbridge \(ulethbridge.ca\)](https://www.ulethbridge.ca/high-school-admission-route) for eligible courses.

Admission Notes

- Some majors have additional admission requirements. See [Step 2: Meet Additional Admission Requirements | University of Lethbridge \(ulethbridge.ca\)](#) for details.
- Dual Admission does not guarantee admission to the Faculty of Education. Dual Admission students begin their studies at the University of Lethbridge in the Faculty of Arts and Science or the Faculty of Fine Arts and take additional courses at the University of Lethbridge to meet admission requirements for the Faculty of Education's competitive teacher preparation program. Contact an advisor for information and advice.
- U of L residency requirements limit students to a maximum of 15 transferable courses into the Pre-B.A./B.Ed., Pre-B.Sc./B.Ed., and Pre-BFA-Art/B.Ed. programs. Other specific requirements also apply. Contact an advisor for information and advice.
- U of L residency requirements limit students to a maximum of 20 transferable courses into non-Education programs. Other specific requirements also apply. Contact an advisor for information and advice.
- Activation is initiated by the applicant through the completion of an Application to the UofL through Apply Alberta (\$140 application fee will apply) and submitting updated transcripts for high school, the Partner Institution and all other post-secondary institutions.
- As per Admission processes, eligible applicants will be provided with an Offer of Admission as a Dual Admission – (activation) student. The applicant confirms the offer by submitting a copy of the Confirmation of Acceptance and paying the tuition deposit (\$300 for domestic students and \$500 for international students) to the UofL. Non-qualified applicants will receive appropriate communication regarding their options.

For Admission to Term Starting	Deadline to Apply for Dual Admission	Deadline to Activate Enrolment for access to General Registration
September (Fall)	August 15 of the year prior to attending UofL	Refer to Admissions and Document Deadlines uleth.ca/ross/admissions/undergrad/deadlines
January (Spring)	December 15 of the year (13 months) prior to attending	Refer to Admissions and Document Deadlines uleth.ca/ross/admissions/undergrad/deadlines

Some programs only accept students for enrolment in the fall term starting in September. Individuals may register in courses as Open Studies students prior to being admitted into a program.

Students may activate their dual admission after the specified date but could lose the advantage of eligibility for scholarships and access to housing. Students planning to begin Co-operative Education in the Summer Term should activate by October 15 to begin the Co-op application and job search process. Students planning to apply for Housing must apply to the U of L and for Housing by January 15th to be considered in the first round of approvals. Applying after January 15th can decrease your chances of being approved for on-campus housing. For more information visit: [Housing Services | University of Lethbridge \(ulethbridge.ca\)](https://uleth.ca/housing).

Receiving Transfer Credit at the UofL

Transfer credit will be awarded for all successfully completed courses, on a course-by-course basis where an agreement exists between the College of the Rockies and the UofL. Final transcripts from the College of the Rockies and all other post-secondary institutions are required by the UofL prior to attending to ensure all relevant transfer credit is awarded.

- Only College of the Rockies courses are used to meet the minimum credit requirements (15 credit hours) for Dual Admission.
- Students must contact an academic advisor at the Partner Institution regarding taking courses outside of the Partner Institution or the UofL while dually enrolled and may be referred to a UofL academic advisor.
- College of the Rockies students may transfer a **maximum** of 20 courses (60.0 credit hours) toward a 40-course program or a **maximum** of 15 courses (45.0 credit hours; Arts and Science and Fine Arts disciplines only) toward the 50-course combined degrees program.

Time Limit

Students must transition to the University of Lethbridge within three years of being dually admitted.

Year of Calendar

A student admitted to a program offered by the University of Lethbridge is governed by program requirements of the University Calendar in effect at the time of dual admission and by the current Calendar in all other respects. Students may contact a Student Program Advisor in the Faculty of Arts and Science or Fine Arts if they wish to follow another Calendar year.

Transitioning to the UofL – Registration

Dually admitted students who have activated their enrolment by accepting their offer and paying the tuition deposit will have access to registration. The number of successfully completed UofL credits and transfer credits awarded are used to determine registration dates. In progress courses at the College of the Rockies, where transfer credit has not yet been awarded, it cannot be included for the purposes of registration.

Successfully completed UofL and transfer courses are also used to meet prerequisite requirements in next-level courses. A student who has activated their enrolment at the UofL but is not yet attending the UofL, may contact the appropriate UofL academic advising office to discuss having the pre-requisite waived if they are currently enrolled in College of the Rockies courses (which have not yet been assessed for transfer credit at the UofL) that may meet prerequisite requirements.

Co-operative Education

Co-operative education opportunities are available. Students interested in the Co-operative Education/Internship program should contact the Coordinator of Co-operative Education at Career Bridge at the University of Lethbridge (AH151 | phone: 403-329-2000 | email: career.bridge@uleth.ca) for further information.

- Students should begin working with the Co-op office at least six months in advance of their intended co-op term.
- If an applicant chooses to participate in Co-op prior to activating enrolment, then they will enrol as Open Studies students at the UofL.

Degree Requirements

Faculty of Arts & Science

Bachelor of Arts

Bachelor of Science

Bachelor of Arts and Science

1. Completion of at least 40 courses (120.0 credit hours) with a GPA of at least 2.00.
2. Degree: At least 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.
3. Major: At least half of the courses required in the major must be completed at the University of Lethbridge.
Note: For the BASc. at least half of each major must be completed at the University of Lethbridge.
4. Completion of the Liberal Education List Requirement. See the University of Lethbridge Academic Calendar, School of Liberal Education for complete information.
5. Not more than 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.
6. Completion of at least 15 courses (45.0 credit hours) from disciplines offered by the Faculty of Arts and Science, the Faculty of Fine Arts, or the School of Liberal Education at the 3000/4000 level, excluding Activity courses (labelled PHAC and MUSE).
7. Not more than five Independent Study courses (15.0 credit hours) may be completed for credit towards the degree.
8. 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.
9. Not more than 24 courses (72.0 credit hours) may be completed from any one discipline for credit towards the degree.
Note: Disciplines are identified by a specific course label (e.g. KNES, ASTR, and HIST are separate disciplines).
10. 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).
11. Not more than six courses (18.0 credit hours) from disciplines offered outside the Faculty of Arts and Science or the Faculty of Fine Arts 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 or School do not count towards this limit.

For more detailed information visit the academic calendar: [Undergraduate Calendar \(2023/2024\) \(ulethbridge.ca\)](https://ulethbridge.ca/undergraduate-calendar)

Faculty of Arts & Science and Faculty of Education

Pre-Bachelor of Arts/Bachelor of Education

Pre-Bachelor of Science/Bachelor of Education

Arts and Science Degree Requirements

1. Completion of at least 30 courses (90.0 credit hours) from disciplines offered by the Faculty of Arts and Science, the Faculty of Fine Arts, or the School of Liberal Education with a GPA of at least 2.00.
2. Degree: At least 15 courses (45.0 credit hours) offered by the Faculty of Arts and Science, the Faculty of Fine Arts, or the School of Liberal Education must be completed at the University of Lethbridge.
3. Major: At least half of the courses required in the major must be completed at the University of Lethbridge.
4. Completion of the Liberal Education List Requirement. See the University of Lethbridge Academic Calendar, School of Liberal Education for complete information.
5. Not more than 10 courses (30.0 credit hours) 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.
6. Completion of at least 10 courses (30.0 credit hours) from disciplines offered by the Faculty of Arts and Science, the Faculty of Fine Arts, or the School of Liberal Education at the 3000/4000 level, excluding Activity courses (labelled PHAC and MUSE).
7. Not more than three Independent Study courses (9.0 credit hours) may be completed for credit toward the degree.
8. Not more than three Disciplinary Credit Applied Studies courses (9.0 credit hours) may be completed for credit towards the degree. Students may, in addition, complete Applied Studies 2000, 2001, 2010, and 2011.
9. Not more than 17 courses (51.0 credit hours) may be completed from any one discipline.
Note: Disciplines are identified by a specific course label (e.g. KNES, ASTR, and HIST are separate disciplines).
10. 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).

Education Degree Requirements

1. Application and admission to the Faculty of Education. Please note that the program is competitive (ranked according to Admission GPA) with limited seats available annually.
2. Residence requirement: At least 15 courses (45 credit hours) in Education must be completed at the UofL.
3. Completion of the equivalent of 20 Education courses including:

- Education 2500
- *Professional Semesters I, II, and III
- One Education Foundation course
- Three Education electives

**Students entering the Faculty of Education should note that practicum placements include locations outside of Lethbridge. Students must be prepared to travel. Some locations require relocation Monday to Friday. While not an admission requirement to the Faculty of Education, school jurisdictions and schools require a criminal record check (or equivalent) from student teachers prior to practicum. The student is responsible for the cost of obtaining such documentation.*

4. Maintenance of a program GPA of 2.50 in Education courses.
5. Completion of the appropriate Education major as defined by the program, and a cumulative GPA of 2.50 in the courses comprising the major.

For more detailed information visit the academic calendar: [\(Undergraduate Calendar \(2023/2024\) \(ulethbridge.ca\)\)](https://ulethbridge.ca/Undergraduate_Calendar_(2023/2024))

Faculty of Fine Arts

BFA – Art (Art Studio)

1. Completion of at least 40 courses (120.0 credit hours) with a GPA of at least 2.00.
2. Cumulative GPA of at least 2.50 in Art, Art History, and Museum Studies courses

Residence requirement:

3. Degree: At least 20 courses (60.0 credit hours) must be completed at the University of Lethbridge, including at least 12 offered by the Department of Art of which at least 7 courses (21.0 credit hours) must at the 3000/4000 level.
4. Completion of the Liberal Education List Requirement. See the University of Lethbridge Academic Calendar, School of Liberal Education for complete information.
5. Not more than 10 courses (30.0 credit hours) may be completed at the 1000 level for credit towards the degree.
6. Completion of at least 13 courses (39.0 credit hours) at the 3000/4000 level from Art, Art History, and/or Museum Studies courses.
7. Not more than five Independent Study courses (15.0 credit hours) may be completed for credit towards the degree.

For more detailed information visit the academic calendar: [\(Undergraduate Calendar \(2023/2024\) \(ulethbridge.ca\)\)](https://ulethbridge.ca/Undergraduate_Calendar_(2023/2024))

BFA – Indigenous Art (Art Studio)

1. Completion of at least 40 courses (120.0 credit hours) with a GPA of at least 2.00.
2. Cumulative GPA of at least 2.50 in Art, Art History, and Museum Studies courses

Residence requirement:

3. Degree: At least 20 courses (60.0 credit hours) must be completed at the University of Lethbridge, including at least 12 offered by the Department of Art of which at least 7 courses

(21.0 credit hours) must at the 3000/4000 level and at least 4 courses offered by the Department of Indigenous Studies.

4. Completion of the Liberal Education List Requirement. See the University of Lethbridge Academic Calendar, School of Liberal Education for complete information.
5. Not more than 10 courses (30.0 credit hours) may be completed at the 1000 level for credit towards the degree.
6. Completion of at least 13 courses (39.0 credit hours) at the 3000/4000 level from Art, Art History, and/or Museum Studies courses, and at least 2 (6.0 credit hours) Indigenous Studies courses at the 3000/4000 level.
7. Not more than five Independent Study courses (15.0 credit hours) may be completed for credit towards the degree.

For more detailed information visit the academic calendar: [Undergraduate Calendar \(2023/2024\) \(ulethbridge.ca\)](https://ulethbridge.ca/undergraduate-calendar)

BFA – Multidisciplinary

1. Completion of at least 40 courses (120.0 credit hours) with a GPA of at least 2.00.

Residence requirement:

2. Degree: At least 20 courses (60.0 credit hours) must be completed at the University of Lethbridge, including at least 12 offered by the Faculty of Fine Arts and the last 10 taken for credit toward the degree.
3. Completion of the Liberal Education List Requirement. See the University of Lethbridge Academic Calendar, School of Liberal Education for complete information.
4. Completion of at least 10 courses (30.0 credit hours) at the 3000/4000 level.
5. Not more than five Independent Study courses (15.0 credit hours) may be completed for credit towards the degree.

For more detailed information visit the academic calendar: [Undergraduate Calendar \(2023/2024\) \(ulethbridge.ca\)](https://ulethbridge.ca/undergraduate-calendar)

Liberal Education List Requirement (Lib Ed Requirement)

The Liberal Education List Requirement (Lib Ed Requirement) is a 12-course requirement (36.0 credit hours) for all University of Lethbridge undergraduate students. It is based on the liberal education philosophy of the University and is designed to ensure that students acquire breadth of knowledge encompassing a wide range of disciplines. The Lib Ed Requirement must be completed by the time of graduation. To meet the Lib Ed Requirement, you must complete four courses (12.0 credit hours) from each of the following three groups that will also meet degree requirements.

See the appropriate faculty/school sections in the University of Lethbridge Calendar and Course Catalogue for a listing of the disciplines that pertain to each faculty/school and program. Courses required for the major and/or minor may be used to satisfy the Lib Ed Requirement. If a COTR course is being used to meet the Lib Ed Requirement, it must transfer appropriately as indicated below.

For **Combined Degrees programs with Education**, Lib Ed Requirement courses transferring as ABHL, ACCT, ADCS, AGEM, CDEV, CRED, FINC, HLSC, HRLR, IGBM, IMGT, MGT, MKTGNURS, PUBH, or TREC may *only* count towards the degree requirements in the B.Mgt./B.Ed. program. Note: The most up-to-date information can be found at [the ULeth Transfer Credit Equivalencies Database](#).

Fine Arts and Humanities Courses

Creative Writing - all transferable courses

English - all transferable courses

Fine Arts - all transferable courses

French - all transferable courses

History - all transferable courses

Indigenous Studies - all transferable courses (except those on the social science list)

Ktunaxa - all transferable courses

Philosophy - all transferable courses

Religious Studies - all transferable courses

Spanish - all transferable courses

Social Science Courses

Accounting 261/262 (U of L: ACCT 2100)

Anthropology - all transferable courses (except those on the science list)

Child, Youth and Family Studies - all transferable courses

Communications 253 (U of L: SSCI 2xxx)

Criminology - all transferable courses

Economics - all transferable courses

Environmental Studies - all transferable courses

Geography 210 (U of L: GEOG 2xxx)

Indigenous Studies 105 (U of L: ABHL 1000)

Indigenous Studies 250 (U of L: ABHL 2000)

Human Service Worker 103 (U of L: PSYC 2xxx)
Human Service Worker 214 (U of L: ADCS 1000)
Human Service Worker 215 (U of L: SSCI 1xxx)
Kinesiology - all courses that transfer as KNES (except those on the science list)
Management 204 (U of L: MGT 1000)
Management 216 (U of L: HRLR 2030)
Management 302 (U of L: HRLR 3050)
Management 303 (U of L: MGT 3031)
Political Science - all transferable courses
Psychology - all transferable courses (except those on the science list)
Recreation 100 (U of L: SSCI 1xxx)
Recreation 102 (U of L: KNES 2160)
Recreation 200 (U of L: KNES 1xxx)
Sociology - all transferable courses
Tourism and Recreation Management 111 (U of L: MGT or GEOG 2xxx)

Science Courses

Accounting 369 (U of L: ECON 2070 or MGT 2070)
Anthropology 102 (U of L: ARKY 1000)
Astronomy - all transferable courses
Biology - all courses that transfer as BIOL
Chemistry - all transferable courses
Computing Science - all transferable courses
Engineering - all transferable courses
Environmental Science - all transferable courses
Geography - all transferable courses (except those on the social science list)
Geology - all transferable courses
Health 205 (U of L: HLSC 2310 or KNES 1xxx)
Kinesiology 103 (U of L: KNES 2650)
Kinesiology 190 (U of L: KNES 1xxx)
Kinesiology 200/210 (U of L: KNES 2610/2xxx)
Kinesiology 202 (U of L: KNES 3630)
Kinesiology 203 (U of L: KNES 3350)
Kinesiology 205 (U of L: HLSC 2310 or KNES 1xxx)
Kinesiology 206 (U of L: KNES 3610)
Kinesiology 209 (U of L: KNES 2200)
Mathematics - all transferable courses
Physics - all transferable courses
Psychology 101 (U of L: PSYC 1010)
Psychology 250 (U of L: NEUR 2620)

Statistics - all transferable courses

Notes

Archaeology 1000 is normally designated as a science course but may be designated as Social Science. Please refer to the School of Liberal Education in the 2023/2024 University of Lethbridge Calendar and Course Catalogue for complete information.

- Only four courses (12.0 credit hours) in total may be counted from any one discipline toward the Liberal Education List Requirement. Disciplines are identified by separate course subject codes at the University of Lethbridge. 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, IGMT, IMGT, MGT, and MKTG) may be counted towards the Liberal Education List Requirement. Please refer to the 2023/2024 University of Lethbridge Calendar and Course Catalogue for complete information regarding this requirement.
- Courses that transfer as unspecified Arts and Science courses will be designated as belonging to one of the three lists, based on the content of the course

Program Planning (B.A., B.Sc., B.A.Sc.)

Bachelor Arts

Bachelor of Science

Bachelor of Arts and Science

Sample Sequencing Plan

A Sequencing Plan provides a sample sequence of courses for your degree. This is just one example of how you could complete courses which transfer to the University of Lethbridge. If you wish to follow a different sequence, please contact Academic Advising Services at COTR before registration.

Lib Ed Requirement Course

A course that could count toward the Liberal Education List Requirement. You may use courses in your major towards this 12-course requirement. See the 2019/2020 University of Lethbridge Undergraduate Calendar and Course Catalogue, Academic Regulations for complete information.

Elective

A course that you may choose freely from all those available and applicable to your program. You may use courses inside or outside your major but be aware of the residence requirement for the major.

Agricultural Biotechnology (B.Sc.)

The major in Agricultural Biotechnology provides background for a diverse range of activities such as graduate study in the life sciences and career development within the agricultural industry; the program is often taken as a means of completing pre-professional requirements leading to a veterinary degree. Please refer to the program website (www.uleth.ca/artsci/agricultural-biotechnology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102	BIOL 1010/1020	Students are advised to transfer to the U of L after Year 1	
CHEM 101	CHEM 1000		
CHEM 102	CHEM 2000		
ECON 101	ECON 1010		
MATH 103 or 221	MATH 1560 or 1410		
3 Lib. Ed. courses (Fine Arts and Humanities)	3 Lib. Ed. courses (Fine Arts and Humanities)		
1 Lib. Ed. course (Social Science)	1 Lib. Ed. course (Social Science)		

Note: both BIOL 101 and 102 are required for credit for BIOL 1010 and 1020.

Agricultural Studies (B.A.)

Agricultural Studies is a broad multidisciplinary program encompassing a purposeful blend of the physical sciences, economics and other social sciences. The aim of the program is to improve the understanding and practice of activities that transform natural capital, plants and animals to satisfy myriad human wants. The curriculum enables aspiring agriculturalists to explore and learn about the physical and economic interrelationships between agricultural production, marketing and trade, nutrient management, water, grazing, rangeland and riparian management. The program provides the foundation for a wide variety of career alternatives related to primary production, input supply

services including banking, commodity marketing and processing, and agri-food retailing. Please refer to the program website (www.uleth.ca/artsci/agricultural-studies) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102 ECON 101 STAT 106 ANTH 101 or POLI 100 2 Lib. Ed. courses (Fine Arts and Humanities) 3 Electives	BIOL 1010/1020 ECON 1010 STAT 1770 ANTH 1000 or POLI 1000 2 Lib. Ed. courses (Fine Arts and Humanities) 3 Electives	Students are advised to transfer to the U of L after Year 1	

Note: both BIOL 101 and 102 are required for credit for BIOL 1010 and 1020.

Agricultural Studies (B.Sc.)

Agricultural Studies is a broad multidisciplinary program encompassing the physical sciences, economics and other social sciences. The aim of the program is to improve the understanding and practice of activities that transform natural capital, plants and animals to satisfy myriad human wants. The curriculum enables aspiring agriculturalists to explore and learn about the physical and economic interrelationships between agricultural production, marketing and trade, nutrient management, water, grazing, rangeland and riparian management. The program provides the foundation for a wide variety of career alternatives related to primary production, input supply services including banking, commodity marketing and processing, and agri-food retailing. Please refer to the program website (www.uleth.ca/artsci/agricultural-studies) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102 ECON 101 GEOG 101 STAT 106 COMP 105 or MATH 103 3 Lib. Ed. courses (Fine Arts and Humanities) 1 Elective	BIOL 1010/1020 ECON 1010 GEOG 1000 STAT 1770 CPSC 1620 or MATH 1560 3 Lib. Ed. courses (Fine Arts and Humanities) 1 Elective	Students are advised to transfer to the U of L after Year 1	

Anthropology (B.A.)

Anthropology is the academic study of the diversity of human life in local settings, whether in the past or present. The particulars of any local life, society or culture, however, are not isolated from global influence. Contemporary anthropology examines the material, social and cultural conditions of human behaviour and life from this locally global perspective. Traditionally, long-term ethnographic and archaeological fieldwork in other societies has been the hallmark of the anthropological study of the human condition, but anthropologists are also cultural critics considering issues of race, gender, power, space and government in their own societies as well. The anthropological perspective makes significant contributions to fields as diverse as health, education, international development, religion, policy, urban studies, indigenous studies, economics and politics. Please refer to the program website (www.uleth.ca/artsci/anthropology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ANTH 101 2 ANTH Electives	ANTH 1000 2 ANTH Electives	Students are advised to transfer to the U of L after Year 1	

4 Lib. Ed. Courses (Fine Arts and Humanities)	4 Lib. Ed. Courses (Fine Arts and Humanities)	
3 Lib. Ed. Courses (Science)	3 Lib. Ed. Courses (Science)	

Note: Choose ANTH elective courses that transfer as ANTH to the University of Lethbridge.

Applied Statistics (B.Sc.)

Statistics is the study of the collection, organization, analysis, interpretation and presentation of data. Application of statistical techniques is an essential part of decision making and study in a wide range of disciplines such as astronomy, biology, education, economics, geography, engineering, genetics, marketing, medicine, psychology, public health and sports, among many. Please refer to the program website (www.uleth.ca/artsci/math-computer-science) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
MATH 103	MATH 1560	Students are advised to transfer to the U of L after Year 1	
MATH 104	MATH 2565		
MATH 221	MATH 1410		
STAT 106	STAT 1770		
2 Concentration courses	2 Concentration courses		
3 Lib. Ed. Courses (Fine Arts and Humanities)	3 Lib. Ed. Courses (Fine Arts and Humanities)		
1 Lib. Ed. Course (Social Science)	1 Lib. Ed. Course (Social Science)		

Note: Students completing the Applied Statistics major are required to complete a concentration in Economics, Geography, or Psychology. Within the above sequence, students should complete one of the following courses, depending on the chosen concentration:

Economics: ECON 101, 102 (ECON 1010, 1012)

Geography: GEOG 101, One of GEOG 211, 230 or 251 (GEOG 1000, One of GEOG 2735, 2300, or 2700)

Psychology: PSYC 101, 102 (PSYC 1010, 1020)

Archaeology (B.A.)

Archaeology is the study of the human past through material culture. Uniquely suited to understanding long-term change, archaeology facilitates the exploration of diverse cultures across different regions and times. It is an intrinsically multi-disciplinary field of study; therefore, the major allows students to approach archaeology from different academic perspectives. Students in the program will also gain a specialization in particular regions, periods, or methods through lecture courses, laboratory analysis, and field work. Please refer to the program website (www.uleth.ca/artsci/archaeology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ANTH 101	ANTH 1000	Students are advised to transfer to the U of L after Year 1	
ANTH 102	ARKY 1000		
GEOG 101	GEOG 1000		
INDG 101	INDG 1000		
1 Lib. Ed. Course (Science)	1 Lib. Ed. Course (Science)		
1 Lib. Ed. Course (Social Science)	1 Lib. Ed. Course (Social Science)		
4 Electives	4 Electives		

Archaeology and Geography (B.Sc.)

Archaeology is the study of the human past based on cultural remains viewed in their spatial context. Archaeological research is often pursued using spatial and environmental models developed within the field of Geography. The major in Archaeology and Geography allows students to combine theoretical and methodological approaches, in tandem with advanced studies of particular cultures through conventional lecture courses and field work. Please refer to the program website (www.uleth.ca/artsci/archaeology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ANTH 102 GEOG 101 GEOG 211 GEOG 230 3 Lib. Ed. Courses (Fine Arts and Humanities) 1 Lib. Ed. Course (Social Science) 2 Electives	ARKY 1000 GEOG 1000 GEOG 2735 GEOG 2300 3 Lib. Ed. Courses (Fine Arts and Humanities) 1 Lib. Ed. Course (Social Science) 2 Electives	Students are advised to transfer to the U of L after Year 1	

Art (B.A.)

Note: The University of Lethbridge also offers a Bachelor of Fine Arts - Art program with majors in Art Studio or Art History/Museum Studies. Please contact an Academic Advisor in the Faculty of Fine Arts at the University of Lethbridge (phone: 403-329-2691) for more information on this program and how it may facilitate your transfer to the University.

The major in Art is a broad, general program of study. Students complete required courses in both studio art and art history and museum studies as well as electives chosen from either or both areas. Studio instruction is available in drawing, painting, sculpture, photo-arts, printmaking, computer art, video, installation art, performance art and audio art. Art History and Museum Studies courses are available in all periods and genres of western art including Indigenous and Canadian Art history. Please refer to the program website (www.uleth.ca/artsci/art) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
FA 106 FA 101 4 Lib. Ed. Courses (Science) 4 Lib. Ed. Courses (Social Science)	ART 2010 ARHI 1002 4 Lib. Ed. Courses (Science) 4 Lib. Ed. Courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Biochemistry (B.Sc.)

Biochemistry is the study of all living systems at the molecular level. It looks at the chemical and physical basis of life and how these microcosms interact with their environments. The Biochemistry program will help students develop a strong background in the basic sciences and extensive laboratory skills. Thereby, the Biochemistry program provides background for a diverse range of careers in the life sciences, including professional programs such as medicine and veterinary medicine. Please refer to the program website (www.uleth.ca/artsci/biochemistry) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102 CHEM 101 CHEM 102	BIOL 1010/1020 CHEM 1000 CHEM 2000	Students are advised to transfer to the U of L after Year 1	

MATH 103 MATH 104 PHYS 103 PHYS 104 1 Lib. Ed. course (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	MATH 1560 MATH 2565 PHYS 1000 PHYS 2000 1 Lib. Ed. course (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	
--	--	--

Note: both BIOL 101 and 102 are required for credit for BIOL 1010 and 1020.

Biological Sciences (B.Sc.)

The Biological Sciences delve into the world of living organisms - from microbes, to human beings, to entire ecosystems - on, under and above the earth. Exploring the nature of life leads biologists out into the world to study how organisms interact with their environment, how they function, and how they evolved. The curriculum provides basic studies in molecular and cellular biology, organismal biology, and ecology and evolutionary biology during a student's first two years, with subsequent opportunities for specialization. Advanced courses also offer opportunities for independent laboratory or field research projects in the three areas. The program provides background for a diverse range of careers in the life sciences and a gateway to professional programs such as medicine and veterinary medicine. Please refer to the program website (www.uleth.ca/artsci/biological-sciences) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102 CHEM 101 CHEM 102 MATH 103 or 221 ENGL elective 2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science)	BIOL 1010/1020 CHEM 1000 CHEM 2000 MATH 1560 or 1410 ENGL elective 2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Note: both BIOL 101 and 102 are required for credit for BIOL 1010 and 1020.

Chemistry (B.Sc.)

Chemistry is the central science of matter, dealing with the 118 known elements from which everything is made. It studies the transformations and properties of all substances - natural and synthetic. Chemistry students develop a strong background in theory and practice and acquire extensive laboratory skills. Chemistry is an experimental science, and students are strongly encouraged to perform original research in partial fulfillment of the degree requirements. The Major in Chemistry leads to professional certification (P.Chem.), and graduates are prepared for careers in industry or the public sector. The degree is also suitable for advanced study in chemistry and can be used to prepare for other professional programs (Dentistry, Medicine, and Veterinary Medicine). Please refer to the program website (www.uleth.ca/artsci/chemistry-biochemistry) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
CHEM 101 CHEM 102 MATH 103 MATH 104 MATH 221 PHYS 103 PHYS 104	CHEM 1000 CHEM 2000 MATH 1560 MATH 2565 MATH 1410 PHYS 1000 PHYS 2000	Students are advised to transfer to the U of L after Year 1	

2 Lib. Ed. courses (Fine Arts and Humanities)	2 Lib. Ed. courses (Fine Arts and Humanities)	
1 Lib. Ed. course (Social Science)	1 Lib. Ed. course (Social Science)	

Computer Science (B.Sc.)

Computer Science is the study of algorithms and data structures and their applications in designing new and efficient solutions to industrial, technological, environmental or social problems. The program is designed to enable students to gain both theoretical knowledge and practical experience, and includes access to state-of-the-art hardware and software. Please refer to the program website (www.uleth.ca/artsci/math-computer-science) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
COMP 105	CPSC 1620	Students are advised to transfer to the U of L after Year 1	
COMP 106	CPSC 2620		
MATH 103	MATH 1560		
MATH 220	MATH 2000		
3 Lib. Ed. courses (Fine Arts and Humanities)	3 Lib. Ed. courses (Fine Arts and Humanities)		
3 Lib. Ed. courses (Social Science)	3 Lib. Ed. courses (Social Science)		

Computer Science and Geographical Information Science (B.Sc.)

Geographical Information Science (GIS) involves the use and analysis of digital maps, databases, models and mobile applications, as well as navigation and spatial integration tools. Major GIS application areas include remote sensing, geographical information systems, computer graphics, image processing and mapping and spatial modelling. These rely on advanced computer science algorithms and software development, platform integration, hardware design and operating system principles. The major provides applied training coupled with a solid theoretical and developmental foundation. Graduates have the choice of a wide range of employment opportunities that involve applications, development or both. Please refer to the program website (www.uleth.ca/artsci/gis) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
COMP 105	CPSC 1620	Students are advised to transfer to the U of L after Year 1	
COMP 106	CPSC 2620		
GEOG 101	GEOG 1000		
GEOG 211	GEOG 2735		
3 Lib. Ed. courses (Fine Arts and Humanities)	3 Lib. Ed. courses (Fine Arts and Humanities)		
3 Lib. Ed. courses (Social Science)	3 Lib. Ed. courses (Social Science)		

Economics (B.A.)

Economics is the study of the allocation of scarce resources by societies to meet individual and social wants. The major includes a number of courses in microeconomics and macroeconomics. These provide the theoretical framework within which contemporary issues, such as pollution, non-renewable natural resources, free trade, agricultural subsidies, interest rates, government deficits, unemployment, inflation, poverty and third world development can be analyzed and appropriate policies can be recommended. Please refer to the program website (www.uleth.ca/artsci/economics) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ECON 101	ECON 1010	Students are advised to transfer to the U of L after Year 1	

ECON 102 STAT 106 4 Lib. Ed. courses (Fine Arts and Humanities) 3 Lib. Ed. courses (Science)	ECON 1012 STAT 1770 4 Lib. Ed. courses (Fine Arts and Humanities) 3 Lib. Ed. courses (Science)	
---	---	--

English (B.A.)

English is the study of the properties and powers of the English language and literature as the fundamental means by which we communicate our values, ideals and vision. Courses in the fundamentals of the three main literary genres of poetry, prose and drama prepare students for the close study of major works and periods of literature from the British, American, Canadian and post-Colonial traditions. In addition, the curriculum includes a variety of special courses in rhetoric, the history of language, literary theory, gender, children's literature and creative writing. At the senior level, courses concentrate on specific topics such as particular authors and are conducted in small seminar classes which stimulate open and intensive discussion between students and instructor. Please refer to the program website (www.uleth.ca/artsci/english) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ENGL 101 or 102 2 ENGL electives 4 Lib. Ed. courses (Social Science) 3 Lib. Ed. courses (Science)	ENGL 1900 2 ENGL electives 4 Lib. Ed. courses (Social Science) 3 Lib. Ed. courses (Science)	Students are advised to transfer to the U of L after Year 1	

Environmental Science (B.Sc.)

Environmental Science focuses on understanding the Earth's natural systems and how we, as humans, interact with them. Environmental scientists study the impact of these interactions on the biosphere, hydrosphere, lithosphere and atmosphere using an interdisciplinary approach. They provide us with the information we need to address some of the most pressing issues facing humanity today - like climate change. The Environmental Science program will provide students with the natural and physical science background needed to understand a multitude of environmental systems, as well as the broad perspective required to appreciate the role of humanity in global environmental change. Please refer to the program website (www.uleth.ca/artsci/environmental-science) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102 CHEM 101 CHEM 102 ENCS 101 GEOG 101 MATH 103 or 221 2 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	BIOL 1010/1020 CHEM 1000 CHEM 2000 ENVS 2000 GEOG 1000 MATH 1560 or 1410 2 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	BIOL 203 BIOL 204 CHEM 201 GEOG 230 GEOG 251 2 Lib. Ed. courses (Fine Arts and Humanities) 3 Lib. Ed. courses (Social Science)	BIOL 2000 BIOL 2200 CHEM 2500 GEOG 2700 GEOG 2300 2 Lib. Ed. courses (Fine Arts and Humanities) 3 Lib. Ed. courses (Social Science)

Note: both BIOL 101 and 102 are required for credit for BIOL 1010 and 1020.

French (B.A.)

French is the study - in French - of the language, literature and culture of the francophone world. Upper-level students may choose to focus on language and linguistics, language and literature, or language and culture. During their studies, students are encouraged to take French courses at a francophone university in Canada or abroad. Please refer to the program website (www.uleth.ca/artsci/modern-languages) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
FREN 101 FREN 102 4 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Science)	FREN 1000 FREN 1100 4 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Science)	Students are advised to transfer to the U of L after Year 1	

French/Spanish (B.A.)

The French/Spanish major combines a core of French courses with an equal number of courses in Spanish. Students majoring in French and Spanish will study the language, literature and culture of both the francophone and Spanish worlds in their respective languages. Upper-level French students may choose to focus on language and linguistics, language and literature, or language and culture. Upper-level Spanish students will study the language and literature of Spain and Latin America. In the course of their studies, students are encouraged to take university classes in francophone Canada or abroad in countries where French and Spanish are national languages. Please refer to the program website (www.uleth.ca/artsci/modern-languages) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
FREN 101 FREN 102 SPAN 101 SPAN 102 3 Lib. Ed. courses (Social Science) 3 Lib. Ed. courses (Science)	FREN 1000 FREN 1100 SPAN 1000 SPAN 1100 3 Lib. Ed. courses (Social Science) 3 Lib. Ed. courses (Science)	Students are advised to transfer to the U of L after Year 1	

General Major in the Humanities (B.A.)

The General Major in the Humanities is a broad major that supports an ideal of liberal education. Please refer to the program website (www.uleth.ca/artsci/general-majors) for more information.

Students must select three disciplinary streams from the following list:

- English - all courses
- Fine Arts
- Art - all courses
- Art History - all courses
- Cinema - all courses
- Drama - all courses
- Museum Studies - all courses
- Music - all courses
- Music Studio - all courses
- New Media - all courses

One of French, Japanese, or Spanish

Classical Languages

Greek - all courses

Hebrew - all courses

Latin - all courses

History - all courses

Indigenous Studies - all courses (including courses in Blackfoot and Cree)

Linguistics - all courses

Philosophy - all courses designated Humanities

Religious Studies - all courses

Year 1	U of L Equivalent	Year 2	U of L Equivalent
First stream course	First stream course	First stream course	First stream course
First stream course	First stream course	First stream course	First stream course
Second stream course	Second stream course	Second stream course	Second stream course
Second stream course	Second stream course	Third stream course	Third stream course
Third stream course	Third stream course	Third stream course	Third stream course
2 Lib. Ed. courses (Science)	2 Lib. Ed. courses (Science)	2 Lib. Ed. courses (Science)	2 Lib. Ed. courses (Science)
2 Lib. Ed. courses (Social Science)	2 Lib. Ed. courses (Social Science)	2 Lib. Ed. courses (Social Science)	2 Lib. Ed. courses (Social Science)
1 Elective	1 Elective	1 Elective	1 Elective

General Major in the Sciences (B.Sc.)

The General Major in the Sciences is a broad major that supports an ideal of liberal education. Please refer to the program website (www.uleth.ca/artsci/general-majors) for more information.

Students must select 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 (including courses in Geology)

Kinesiology - all courses designated Science (Physical Activity courses may not 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

Year 1	U of L Equivalent	Year 2	U of L Equivalent
First stream course	First stream course	First stream course	First stream course
First stream course	First stream course	First stream course	First stream course
Second stream course	Second stream course	Second stream course	Second stream course
Second stream course	Second stream course	Third stream course	Third stream course
Third stream course	Third stream course	Third stream course	Third stream course

2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science) 1 Elective	2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science) 1 Elective	2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science) 1 Elective	2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science) 1 Elective
---	--	--	--

General Major in the Social Sciences (B.A.)

The General Major in the Social Sciences is a broad major that supports an ideal of liberal education. Please refer to the program website (www.uleth.ca/artsci/general-majors) for more information.

Students must select three disciplinary streams from the following list:

Anthropology - all courses

Archaeology - all courses designated Social Science

Economics - all courses designated Social Science

Geography - all courses designated Social Science (courses in Geology may not be included)

History - all courses

Indigenous Studies - all courses (courses in Blackfoot and Cree may not be included)

Kinesiology - all courses designated Social Science (Physical Activity courses may not be included)

Political Science - all courses designated Social Science

Psychology - all courses designated Social Science

Sociology - all courses

Women and Gender Studies - all courses

Year 1	U of L Equivalent	Year 2	U of L Equivalent
First stream course	First stream course	First stream course	First stream course
First stream course	First stream course	First stream course	First stream course
Second stream course	Second stream course	Second stream course	Second stream course
Second stream course	Second stream course	Third stream course	Third stream course
Third stream course	Third stream course	Third stream course	Third stream course
2 Lib. Ed. courses (Fine Arts and Humanities)	2 Lib. Ed. courses (Fine Arts and Humanities)	2 Lib. Ed. courses (Fine Arts and Humanities)	2 Lib. Ed. courses (Fine Arts and Humanities)
2 Lib. Ed. courses (Science)	2 Lib. Ed. courses (Science)	2 Lib. Ed. courses (Science)	2 Lib. Ed. courses (Science)
1 Elective	1 Elective	1 Elective	1 Elective

Geography (B.A.)

Geography involves the study of human activities and natural systems with a focus on spatial relationships and the nature of places. The discipline stresses integration and synthesis, so students graduating with a major in Geography possess a firm understanding of environmental stewardship in the context of complex interrelationships between nature and humankind. Geography students also learn many practical skills and techniques essential to a diverse range of employment opportunities.

After completing a set of core foundational courses, students will select additional upper-level courses which focus on human-related systems and phenomena. Students with an interest in geographical techniques such as cartography, geographical information systems (GIS), or remote sensing can pursue those interests either by choosing such

courses as options or by completing a specified set of courses to satisfy the Concentration in Geographical Information Science. Please refer to the program website (www.uleth.ca/artsci/geography) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ENCS 101 GEOG 101 One of GEOG 211, 230 or 251 ANTH 102 4 Lib. Ed. courses (Fine Arts and Humanities) 1 Elective	ENVS 2000 GEOG 1000 GEOG 2735, 2300 or 2700 ARKY 1000 4 Lib. Ed. courses (Fine Arts and Humanities) 1 Elective	Students are advised to transfer to the U of L after Year 1	

Geography (B.Sc.)

Geography involves the study of human activities and natural systems with a focus on spatial relationships and the nature of places. The discipline stresses integration and synthesis, so students graduating with a major in Geography possess a firm understanding of environmental stewardship in the context of complex interrelationships between nature and humankind. Geography students also learn many practical skills and techniques essential to a diverse range of employment opportunities.

After completing a set of core foundational courses, students will select additional upper-level courses dealing with physical dimensions of natural systems. Students with an interest in geographical techniques such as cartography, geographical information systems (GIS), or remote sensing can pursue those interests either by choosing such courses as options or by completing a specified set of courses to satisfy the Concentration in Geographical Information Science. Please refer to the program website (www.uleth.ca/artsci/geography) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ENCS 101 GEOG 101 One of GEOG 211, 230 or 251 ANTH 102 MATH 103 or 221 or STAT 106 4 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	ENVS 2000 GEOG 1000 GEOG 2735, 2300 or 2700 ARKY 1000 MATH 1506 or 1410 or STAT 1770 4 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	Students are advised to transfer to the U of L after Year 1	

History (B.A.)

History is a discipline that examines evidence to reconstruct and understand the past. It is our collective memory and our possible future. Encompassing a wide range of human events and historical conditions, history necessarily complements other disciplines in the University. The program offers instruction in aspects of the social, economic, political and cultural histories of societies ranging from ancient Greece to modern-day Japan. Students pursuing a major in History will develop strong skills in critical reading, writing and analysis. Please refer to the program website (www.uleth.ca/artsci/history) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
HIST 201 HIST 202 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Social Science)	HIST 2710 HIST 2720 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Social)	Students are advised to transfer to the U of L after Year 1	

Science)

Kinesiology (B.A.)

Kinesiology is the study of human movement from a multidisciplinary perspective. Students who enrol in the Kinesiology major for the B.A. will take a broad range of theoretical courses in the social science and humanities dimensions of the discipline. Students are also required to complete physical activity courses as part of their program. The Kinesiology major for the B.A. offers students the opportunity to investigate those psychological, social, cultural, economic and political influences that shape and limit opportunities for activity across the lifespan as well as to study the tremendous potential of sport and leisure activities to bring pleasure and meaning to individuals and community. Please refer to the program website (www.uleth.ca/artsci/kinesiology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
KNES 204 KNES 209 3 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. course (Social Science)	KNES 2140 KNES 2200 3 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. course (Social Science)	Students are advised to transfer to the U of L after Year 1	

Kinesiology (B.Sc.)

Kinesiology is the study of human movement from a multidisciplinary perspective. Students who enrol in the Kinesiology major for the B.Sc. will take a broad range of theoretical courses in the science dimensions of the discipline. Students are also required to complete physical activity courses as part of their program. The Kinesiology major for the B.Sc. offers students the opportunity to investigate the anatomical, biomechanical, neurological and physiological characteristics that underlie human movement across the spectrum from basic tasks such as reaching and walking to elite sport performance. Please refer to the program website (www.uleth.ca/artsci/kinesiology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
KNES 103 KNES 204 KNES 209 3 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	KNES 2650 KNES 2140 KNES 2200 3 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Mathematics (B.Sc.)

Mathematics is the study of structure and patterns in numbers and shapes. It is an active research area, providing a language, theories and models to solve complex problems across a wide variety of scientific, industrial and economic sectors. The program offers courses in four main areas: algebra, analysis, number theory and geometry, as well as statistics. Many students opt to combine mathematics with courses in physics, computer science, chemistry, economics, management or other areas of interest. Please refer to the program website (www.uleth.ca/artsci/math-computer-science) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
MATH 103	MATH 1560	COMP 105	CPSC 1620
MATH 104	MATH 2565	MATH 201	MATH 2570
MATH 221	MATH 1410	MATH 202	MATH 2580
STAT 106	STAT 1770	MATH 220	MATH 2000
3 Lib. Ed. courses (Social Science)	3 Lib. Ed. courses (Social Science)	1 Lib. Ed. course (Social Science)	1 Lib. Ed. course (Social Science)
3 Lib. Ed. courses (Fine Arts and Humanities)	3 Lib. Ed. courses (Fine Arts and Humanities)	1 Lib. Ed. course (Fine Arts and Humanities)	1 Lib. Ed. course (Fine Arts and Humanities)
		4 Electives	4 Electives

Indigenous Studies (B.A.)

The Indigenous Studies program was developed and formalized by representatives of southern Alberta's Indigenous communities and the University of Lethbridge. The major in Indigenous Studies is multidisciplinary and comprehensive in nature and consists of courses in Indigenous history, art, law, politics, language, literature and contemporary issues, all taught from an Indigenous perspective. It aims to foster the study of these various dynamics of North American Indigenous culture and to further a deeper awareness of Indigenous issues. Please refer to the program website (www.uleth.ca/artsci/indigenous-studies) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
INDG 101	INDG 1000	Students are advised to transfer to the U of L after Year 1	
INDG elective	INDG elective		
4 Lib. Ed. courses (Social Science)	4 Lib. Ed. courses (Social Science)		
4 Lib. Ed. courses (Science)	4 Lib. Ed. courses (Science)		

Neuroscience (B.Sc.)

The Neuroscience major explores how nervous systems work and requires courses from a range of departments. These courses investigate the processes by which information is transmitted within cells and between cells, and how particular neural systems produce perceptions, learning, memory and behaviour. Brain and behavioural change during evolution, individual development and pathology are all used to gain insight into how the nervous system functions. Please refer to the program website (www.uleth.ca/artsci/neuroscience) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102	BIOL 1010/1020	BIOL 202	BCHM 2000
CHEM 101	CHEM 1000	BIOL 203	BIOL 2000
CHEM 102	CHEM 2000	CHEM 201	CHEM 2500
MATH 103 or 221	MATH 1560 or 1410	CHEM 202	CHEM 2600
ENGL elective	ENGL elective	PSYC 250	NEUR 2620
PSYC 101	PSYC 1010	3 Lib. Ed. courses (Social Science)	3 Lib. Ed. courses (Social Science)
PSYC 102 (prereq.)	PSYC 1020	2 Electives	2 Electives
2 Lib. Ed. courses (Fine Arts and Humanities)	2 Lib. Ed. courses (Fine Arts and Humanities)		

Note: both BIOL 101 and 102 are required for credit for BIOL 1010 and 1020.

Philosophy (B.A.)

Philosophy means "love of wisdom." Philosophers study the deep intellectual problems that underlie or unify other disciplines in the sciences and humanities. Courses in the reality stream inquire into the nature of knowledge, mind and matter, space and time, language and mathematics, religious beliefs, and the basis of science. Courses in the

values stream probe the distinction between right and wrong, the nature of beauty, the assumptions behind political theories and current ethical dilemmas. Logic studies the art and science of reasoning. All philosophy and logic courses place strong emphasis on developing the skills of clear writing and sound argumentation, and the ability to see beneath the surface of the apparently obvious. Please refer to the program website (www.uleth.ca/artsci/philosophy) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
3 PHIL Electives 4 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Science) 1 Elective	3 PHIL Electives 4 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Science) 1 Elective	Students are advised to transfer to the U of L after Year 1	

Physics (B.Sc.)

Physics is the study of matter and energy at all scales, from the sub-nuclear to the dimensions of the universe. It is the fundamental science - all other sciences and technologies rely on the principles of physics. Physics involves observing and understanding natural phenomena evident in the world around us: the seasons, the motion of objects, the flight of birds, the night sky and the weather. The curriculum provides a comprehensive Physics major, built on a foundation of courses in the first two years which lead to more advanced and specialized areas in the senior years, preparing students for postgraduate studies, or for careers in academia, industry and the public sector. Please refer to the program website (www.uleth.ca/artsci/physics-astronomy) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
MATH 103 MATH 104 MATH 221 PHYS 103 PHYS 104 3 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	MATH 1560 MATH 2565 MATH 1410 PHYS 1000 PHYS 2000 4 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Political Science (B.A.)

Political Science is the study of government institutions, political behaviour and political theory. You need no political ambitions to take it. Political Science is both empirical (qualitative and quantitative) and theoretical. Empirically the focus is on Canadian politics (from national to local), comparative politics (of differing regimes in selected regions of the world), and international relations. Theoretically the focus is on the ideas and visions of justice and the good life that political leaders and citizens aspire to and even stake their lives on. Emphasis is placed throughout on critical reading, writing and analytical skills, encompassing the study of a wide array of materials, including legal, philosophical, literary and historical documents, as well as statistical analysis. Please refer to the program website (www.uleth.ca/artsci/political-science) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
POLI 100 POLI 203 4 Lib. Ed. courses (Science)	POLI 1000 POLI 2210 4 Lib. Ed. courses (Science)	Students are advised to transfer to the U of L after Year 1	

4 Lib. Ed. courses (Fine Arts and Humanities)	4 Lib. Ed. courses (Fine Arts and Humanities)	
---	---	--

Psychology (B.A. or B.Sc.)

Psychology seeks to understand the causes of behaviour in humans and other animals. Such behaviour can range from the automatic, unconscious and reflexive sucking and grasping behaviours of infants through largely unconscious behaviours such as finding food and choosing a mate, to sophisticated, conscious behaviours such as medical decision making. Students will investigate the nature of human and animal thought processes as well as the evolutionary, social and cultural factors that frame the development of human capacities. We consider the best preparation, at the undergraduate level, for graduate study in all areas of psychology, whether research or applied, to be a strong and broad background in experimental psychology. Please refer to the program website (www.uleth.ca/artsci/psychology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
PSYC 101 PSYC 102 2 Lib. Ed. courses (Science) 2 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	PSYC 1010 PSYC 1020 2 Lib. Ed. courses (Science) 2 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Remote Sensing (B.Sc.)

Remote Sensing involves the acquisition and analysis of photographs and images from airplanes, satellites and other platforms for obtaining important information about the Earth's land, oceans and atmosphere, as well as other planets and bodies. The Remote Sensing major provides applied training in laboratory and field settings coupled with a solid theoretical and experimental foundation. This is the only remote sensing program of its kind in Canada, therefore graduates have unique qualifications for direct employment in private industry, government, and universities, as well as for entry to advanced graduate-level studies. Please refer to the program website (www.uleth.ca/artsci/remote-sensing) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
GEOG 101 GEOG 211 MATH 103 MATH 104 PHYS 103 PHYS 104 2 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	GEOG 1000 GEOG 2735 MATH 1560 MATH 2565 PHYS 1000 PHYS 2000 2 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Sociology (B.A.)

Sociology provides the conceptual and methodological tools with which to understand society. Its primary goal is to stimulate sociological thinking, which involves the application of imagination and critical analysis to the many facets of social life. Ideally, this encourages not only the development of analytical insight, but also the application of Sociology to social problems and issues.

The program provides instruction for both the liberal arts student and the student planning advanced studies or a career related to Sociology. A wide range of courses is offered in sociological theory, methods and topics reflecting a variety of contemporary social issues. Please refer to the program website (www.uleth.ca/artsci/sociology) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
SOCI 101/102 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	SOCI 1000/1xxx 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Note: Both SOCI 101 and 102 are required for credit for SOCI 1000 and 1xxx.

Urban and Regional Studies (B.A.)

The major in Urban and Regional Studies includes courses in disciplines that have traditionally focused on cities, such as Anthropology, Economics, Geography, Political Science, Sociology and Statistics. It provides a broad range of conceptual and practical tools for students to understand and play a role in the planning, administration, and governance of human settlements from towns to metropolitan regions. Courses delve into the physical, social, spatial, economic, political and planning factors that shape urban areas. Topics such as architecture and the city, urban and regional planning, urban systems, globalization, and issues such as immigration, aging, homelessness and environmental sustainability may be included. Please refer to the program website (www.uleth.ca/artsci/urban-regional-studies) for more information.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
3 of: ANTH 101, ECON 101, ECON 102, GEOG 101, POLI 100 ENGL Elective STAT 106 2 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Fine Arts and Humanities)	3 of: ANTH 1000, ECON 1010, ECON 1012, GEOG 1000, POLI 1000 ENGL Elective STAT 1770 2 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Program Planning (B.A./B.Ed., B.Sc./B.Ed.)

Faculty of Education

Pre-Bachelor of Arts/Bachelor of Education

Pre-Bachelor of Science/Bachelor of Education

Students beginning their studies at College of the Rockies may transfer a **maximum of 15 Arts and Science courses** to the University of Lethbridge, including up to half the major requirements. Students completing an Associate Degree or Arts and Science Diploma may not transfer the entire 20 courses required for their programs. As a result, for the students interested in completing the Bachelor of Arts/Bachelor of Education (B.A./B.Ed.) or the Bachelor of Science/Bachelor of Education (B.Sc./B.Ed.), the sample sequences are simply a list of courses and are not linked into the requirements for the Associate Degrees. Please consult with an advisor at College of the Rockies to determine requirements for the Associate Degree or Arts and Science Diploma.

Students interested in this transfer route will apply to the University of Lethbridge for the Pre-B.A./B.Ed. or Pre-B.Sc./B.Ed. program, and will need to complete the remaining admission requirements to the Faculty of Education (including EDUC 2500) when they arrive on the University of Lethbridge campus.

Sample Sequencing Plan

A Sequencing Plan provides a sample sequence of courses for your degree. This is just one example of how you could complete courses which transfer to the University of Lethbridge. If you wish to follow a different sequence, please contact Academic Advising Services at COTR before registration.

Lib Ed Requirement Course

A course that could count toward the Liberal Education List Requirement. You may use courses in your major towards this 12-course requirement. See the 2023/2024 University of Lethbridge Undergraduate Calendar and Course Catalogue, Academic Regulations for complete information.

For **Combined Degrees programs with Education**, Lib Ed Requirement courses transferring as ABHL, ACCT, ADCS, AGEM, CDEV, CRED, FINC, HLSC, HRLR, IGBM, IMGT, MGT, MKTG, NURS, PUBH, or TREC may *only* count towards the degree requirements in the B.Mgt./B.Ed. program.

Elective

A course that you may choose freely from all those available and applicable to your program. You may use courses inside or outside your major, but be aware of the residence requirement for the major.

Anthropology/Social Studies Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ANTH 101 ANTH Elective HIST 201 HIST 202 One of: ECON 101 ECON 102 INDG 101 POLI 203 3 Lib. Ed. courses (Science) 1 Lib. Ed. course (Fine Arts and Humanities)	ANTH 1000 ANTH Elective HIST 2710 HIST 2720 One of: ECON 1010 ECON 1012 INDG 1000 POLI 2210 3 Lib. Ed. courses (Science) 1 Lib. Ed. course (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Art/Art Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
FA 106 FA 101 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Social Science)	ART 2010 ARHI 1002 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Biological Sciences/Science Education (B.Sc./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
BIOL 101/102 CHEM 101 CHEM 102 MATH 103 or 221 3 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science)	BIOL 1010/1020 CHEM 1000 CHEM 2000 MATH 1560 or 1410 3 Lib. Ed. courses (Fine Art and Humanities) 2 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Chemistry/Science Education (B.Sc./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
CHEM 101 CHEM 102 MATH 103 MATH 104 MATH 221 PHYS 103 PHYS 104 2 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. courses (Social Science)	CHEM 1000 CHEM 2000 MATH 1560 MATH 2565 MATH 1410 PHYS 1000 PHYS 2000 2 Lib. Ed. courses (Fine Art and Humanities) 1 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Economics/Social Studies Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ECON 101 ECON 102 HIST 201 HIST 202 POLI 203 STAT 106 1 Lib. Ed. course (Fine Arts and Humanities) 2 Lib. Ed. courses (Science) Elective	ECON 1010 ECON 1012 HIST 2710 HIST 2720 POLI 2210 STAT 1770 1 Lib. Ed. course (Fine Art and Humanities) 2 Lib. Ed. courses (Science) Elective	Students are advised to transfer to the U of L after Year 1	

English/English Language Arts Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ENGL 101 or 102 ENGL 270 ENGL Elective 4 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Social Science)	ENGL 1900 ENGL 2610 ENGL Elective 4 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

French/Modern Languages Education: French (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
FREN 101 FREN 102 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Social Science)	FREN 1000 FREN 1100 4 Lib. Ed. courses (Science) 4 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

French/Spanish/Modern Languages Education: French/Spanish (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
FREN 101 FREN 102 SPAN 101 SPAN 102 3 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Social Science)	FREN 1000 FREN 1100 SPAN 1000 SPAN 1100 3 Lib. Ed. courses (Science) 3 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Geography/Science Education (B.Sc./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
CHEM 101 GEOG 101 Two of: GEOG 211, GEOG 230, or GEOG 251 MATH 103 3 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science)	CHEM 1000 GEOG 1000 Two of: GEOG 2735, GEOG 2300, GEOG 2700 MATH 1560 3 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

Geography/Social Studies Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
GEOG 101 HIST 201 HIST 202 INDG 101 POLI 203 ECON 101 or 102 1 Lib. Ed. course (Science) 3 Electives	GEOG 1000 HIST 2710 HIST 2720 INDG 1000 POLI 2210 ECON 1010 or 1012 1 Lib. Ed. course (Science) 3 Electives	Students are advised to transfer to the U of L after Year 1	

History/Social Studies Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
HIST 201 HIST 202 INDG 101 POLI 203 ECON 101 or 102 4 Lib. Ed. courses (Science) 1 Lib. Ed. course (Social Science)	HIST 2710 HIST 2720 INDG 1000 POLI 2210 ECON 1010 or 1012 4 Lib. Ed. courses (Science) 1 Lib. Ed. course (Social Science)	Students are advised to transfer to the U of L after Year 1	

Kinesiology/Physical Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
KNES 209 KNES 163 KNES 204 3 Lib. Ed. courses (Science) 2 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	KNES 2200 PHAC 3xxx KNES 2140 3 Lib. Ed. courses (Science) 2 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Kinesiology/Physical Education (B.Sc./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
KNES 103 KNES 209 KNES 163 KNES 204 2 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	KNES 2650 KNES 2200 PHAC 3xxx KNES 2140 2 Lib. Ed. courses (Social Science) 4 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Mathematics/Mathematics Education (B.Sc./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
COMP 105 MATH 103 MATH 104 MATH 221 STAT 106 3 Lib. Ed. courses (Social Science)	CPSC 1620 MATH 1560 MATH 2565 MATH 1410 STAT 1770 3 Lib. Ed. courses (Social Science)	Students are advised to transfer to the U of L after Year 1	

2 Lib. Ed. courses (Fine Arts and Humanities)	Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	
---	---	--

Physics/Science Education (B.Sc./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
MATH 103 MATH 104 MATH 221 PHYS 103 PHYS 104 3 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	MATH 1560 MATH 2565 MATH 1410 PHYS 1000 PHYS 2000 3 Lib. Ed. courses (Social Science) 2 Lib. Ed. courses (Fine Arts and Humanities)	Students are advised to transfer to the U of L after Year 1	

Political Science/Social Studies Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
POLI 100 POLI 203 HIST 201 HIST 202 INDG 101 ECON 101 or 102 4 Lib. Ed. courses (Science)	POLI 1000 POLI 2210 HIST 2710 HIST 2720 INDG 1000 ECON 1010 or 1012 4 Lib. Ed. courses (Science)	Students are advised to transfer to the U of L after Year 1	

Sociology/Social Studies Education (B.A./B.Ed.)

Year 1	U of L Equivalent	Year 2	U of L Equivalent
SOCI 101/102 POLI 203 HIST 201 HIST 202 One of: INDG 101 ECON 101 ECON 102 4 Lib. Ed. courses (Science)	SOCI 1000/1xxx POLI 2210 HIST 2710 HIST 2720 One of: INDG 1000 ECON 1010 ECON 1012 4 Lib. Ed. courses (Science)	Students are advised to transfer to the U of L after Year 1	

General Major in the Humanities/English Language Arts Education (B.A./B.Ed.)

Students must select three disciplinary streams. English must be the First Stream. The Second and Third Stream must be chosen from the following list:

Fine Arts (Including courses in Art, Art History, Cinema, Drama, Museum Studies, Music, Music Studio, and New Media)

One of French, Japanese, or Spanish

Classical Languages (includes Greek, Hebrew or Latin)

History (all courses)

Indigenous Studies (all courses; includes courses in Blackfoot and Cree)

Linguistics (all courses designated Humanities)

Philosophy (all courses designated Humanities)

Religious Studies (all courses)

Students are strongly encouraged to choose Humanities disciplines which are school subject areas or are taught in the provincial curriculum.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
ENGL 101 or 102 ENGL 270 2 Second Stream courses 2 Third Stream courses 2 Lib. Ed. courses (Science) 2 Lib. Ed. course (Social Science)	ENGL 1900 ENGL 2610 2 Second Stream courses 2 Third Stream courses 2 Lib. Ed. courses (Science) 2 Lib. Ed. course (Social Science)	Students are advised to transfer to the U of L after Year 1	

General Major in the Sciences/Mathematics Education (B.Sc./B.Ed.)

Students must select three disciplinary streams. Mathematics (including courses in Statistics) must be the First Stream. The Second and Third Stream must be chosen from the following list:

Archaeology (all courses designated Science)

Biological Sciences (all Biology courses)

Chemistry (all courses; includes courses in Biochemistry)

Computer Science (all courses)

Geography (all courses designated Science; includes courses in Geology)

Kinesiology (all courses designated Science; Physical Activity and Kinesiology 1160 and 1161 courses are excluded)

Neuroscience (all courses)

Physics (all courses; includes courses in Astronomy and Engineering)

Psychology (all courses designated Science)

Students are strongly encouraged to choose Science disciplines which are school subject areas or are taught in the provincial curriculum.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
MATH 102 MATH 104 MATH 221 2 Second Stream courses 2 Third Stream courses 2 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	MATH 1560 MATH 2565 MATH 1410 2 Second Stream courses 2 Third Stream courses 2 Lib. Ed. courses (Fine Arts and Humanities) 1 Lib. Ed. course (Social Science)	Students are advised to transfer to the U of L after Year 1	

General Major in the Sciences/Science Education (B.Sc./B.Ed.)

Students must select three disciplinary streams. The First Stream must be one of Biology, Chemistry, Physical Geography or Physics. The Second Stream must be in one other area of Biology, Chemistry, Physical Geography or Physics. The Third Stream must be chosen from the following list:

Archaeology (all courses designated Science)

Biological Sciences (all Biology courses)

Chemistry (all courses; includes courses in Biochemistry)

Computer Science (all courses)

Geography (all courses designated Science; includes courses in Geology)

Kinesiology (all courses designated Science; Physical Activity courses may not be included)

Mathematics (all courses; includes courses in Statistics)

Neuroscience (all courses)

Physics (all courses; includes courses in Astronomy and Engineering)

Psychology (all courses designated Science)

Students are strongly encouraged to choose Science disciplines which are school subject areas or are taught in the provincial curriculum.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
3 First Stream courses	3 First Stream courses	Students are advised to transfer to the U of L after Year 1	
2 Second Stream courses	2 Second Stream courses		
2 Third Stream courses	2 Third Stream courses		
2 Lib. Ed. courses (Fine Arts and Humanities)	2 Lib. Ed. courses (Fine Arts and Humanities)		
1 Lib. Ed. course (Social Science)	1 Lib. Ed. course (Social Science)		

General Major in the Social Sciences/Physical Education (B.A./B.Ed.)

Students must select three disciplinary streams. The First Stream must be Kinesiology including the following courses:

Kinesiology 1000 - Wellness and Physical Activity

Kinesiology 2140 - Psychological Perspectives

Kinesiology 2150 - Sociological Perspectives

One of:

Kinesiology 2160 - Management Perspectives

Kinesiology 3300 - Leadership Skills Development

The Second and Third Stream must be chosen from the following list:

Anthropology

Archaeology (all courses designated Social Science)

Economics (all courses designated Social Science)

Geography (all courses designated Social Science; Geology courses may not be included)

History

Indigenous Studies (Blackfoot and Cree courses may not be included)

Political Science (all courses designated Social Science)

Psychology (all courses designated Social Science)

Sociology

Women and Gender Studies

Students are strongly encouraged to choose Social Sciences disciplines which are school subject areas or are taught in the provincial curriculum.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
2 KNES electives (Social Science)	2 KNES electives (Social Science)	Students are advised to transfer to the U of L after Year 1	
2 Second Stream courses	2 Second Stream courses		

2 Third Stream courses 2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. course (Science)	2 Third Stream courses 2 Lib. Ed. courses (Fine Arts and Humanities) 2 Lib. Ed. course (Science)	
--	--	--

General Major in the Social Sciences/Social Studies Education (B.A./B.Ed.)

Students must select three disciplinary streams. The First Stream must be History including the following courses:

History 2710 - Canada to 1867

History 2720 - Canada Since 1867

One of:

History 1000 - Western Civilization

History 1200 - World History

The Second stream must be one of Economics, Geography, or Political Science. The Third Stream must be chosen from the following list:

Anthropology (all courses)

Archaeology (all courses designated Social Science)

Economics (all courses designated Social Science)

Geography (all courses designated Social Science)

Indigenous Studies (all courses)

Kinesiology (all courses designated Social Science)

Political Science (all courses designated Social Science)

Psychology (all courses designated Social Science)

Sociology (all courses)

Women and Gender Studies (all courses)

Students are strongly encouraged to choose Social Sciences disciplines which are school subject areas or are taught in the provincial curriculum.

Year 1	U of L Equivalent	Year 2	U of L Equivalent
HIST 201	HIST 2710	Students are advised to transfer to the U of L after Year 1	
HIST 202	HIST 2720		
HIST elective	HIST Elective		
2 Second Stream courses	2 Second Stream courses		
2 Third Stream courses	2 Third Stream courses		
3 Lib. Ed. courses (Science)	3 Lib. Ed. courses (Science)		