



PROGRAM PLANNING GUIDE

ID:

Name: _____

Bachelor of Science / Bachelor of Education

Biological Sciences / Science Education



As an Education major, a student develops a strong knowledge base in the subject area they intend to teach. They also receive in-depth preparation in how to teach, including both general and subject area instructional methods.

The Department of Biological Sciences provides you with a great deal of hands-on learning and engaging research, moving you beyond text books and lectures.

What determines my program requirements?

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

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

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

Program(s): Bachelor of Science / Bachelor of Education

Major(s): Biological Sciences / Science Education

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

Am I admissible to this program?

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

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

When/How do I apply to the University?

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

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

Where can I find information on courses?

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

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

When can I register for classes?

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

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

How can I enhance my program?

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

Education Specializations:

www.ulethbridge.ca/education/programs-degrees/undergraduate-studies/specializations

What supports are available to students?

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

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

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

Counselling Services: www.ulethbridge.ca/counselling





Recommended Course Sequence

Shown below is the recommended sequence of courses for your degree. Consult timetables for course offerings, prerequisites, and corequisites before registering each term as some courses may have limited offerings (ie. once a year, alternating years, or only offered in the Fall or Winter terms). Consult with an Academic Advisor in your faculty if you wish to alter this sequence with regard to the specifically listed courses.

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

First Year

- Biology 1010**
- Biology 1020**
- Chemistry 1000**
- Chemistry 2000**
- Mathematics Requirement**
- Physics 1050 (preferred)
- Lib Ed Requirement course
- Lib Ed Requirement course
- Lib Ed Requirement course
- Lib Ed Requirement course

Second Year

- Biochemistry 2000**
- Biology 2000**
- Biology 2150**
- Biology 2200**
- Biology 2300**
- Chemistry 2500
- Lib Ed Requirement course
- Lib Ed Requirement course
- Lib Ed Requirement course
- Education 2500

Admission to the Faculty of Education

Education 2500 must be completed (with a Pass Recommend) before admission. It may be taken in the winter or summer term immediately prior to the fall intake

Third Year (Fall)

- Professional Semester I (15.0 credit hours)
- Curriculum and Instruction, Educational Psychology, Language in Education, Assessment and Learning, Teaching Seminar, Indigenous Education*
- Practicum - Equivalent to 125 hours in a school*

Third Year (Winter)

- Biology 3300
- Biology 3000 level
- Elective 3000/4000 level
- Elective 3000/4000 level
- Lib Ed Requirement course

Fourth Year (Fall)

- Biology 3000 level
- Biology 3000 level
- Elective 3000/4000 level
- Elective 3000/4000 level
- Elective 3000/4000 level

Fourth Year (Winter)

- Professional Semester II (15.0 credit hours)
- Principles of Curriculum and Instruction for Majors, The Educational Psychology of Exceptional Learners, Social Context of Schooling, Evaluation and Reporting*
- Practicum - Equivalent to 150 hours in a school*

Elementary Education students will reverse the Fifth Year fall and winter terms and complete PS III in the winter.

Fifth Year (Fall)

- Professional Semester III (15.0 credit hours)
- Internship - Students are assigned to schools for approximately 200 hours in a practicum and assume full responsibility for a classroom for approximately one-half of that time*

Fifth Year (Winter)

- Elective 3000/4000 level
- Education Foundation course (43xx)
- Education elective 3000/4000 level
- Education elective 3000/4000 level
- Education elective 3000/4000 level

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

Faculty of Education Admission

To be considered for admission to the Faculty of Education, successful completion of the following is required:

- 14 graded term courses (42.0 credit hours).
- **Education Admission GPA:** Minimum cumulative grade point average of 2.50 on all U of L and transferable courses taken within the terms containing the last 14 courses (42.0 credit hours). All courses must be graded.
- Minimum of five courses (15.0 credit hours) in the major.
- **Major GPA:** Minimum cumulative grade point average of 2.50 on all graded courses comprising the major, including all transferable courses.
- Credit in Education 2500 - Orientation to Teaching (or equivalent) prior to the fall program intake, including a favourable recommendation from the instructor.

Students are advised to contact Student Program Services in the Faculty of Education (edu.sps@uleth.ca; TH421; tel. 403-329-2254) for guidelines regarding the requirements stated above. For specific information on admission requirements, please refer to the Combined Degrees section of the Academic Calendar: www.ulethbridge.ca/ross/academic-calendar.

Students of Indigenous descent, and students with a significant shift in academic performance, are advised to refer to the current Calendar for the Faculty of Education's Special Case Admission policies.