



# PROGRAM PLANNING GUIDE

Name: \_\_\_\_\_

ID: 

## Post-Diploma Bachelor of Science

### Agricultural Studies



Agricultural studies delves into the relationships between the social, economic, political and environmental factors that affect the agricultural sector — from farm level production to international policy. This broad range of perspectives will expand your understanding of issues such as policy development, the farm as a production unit and the environmental implications of land use. You'll also be exposed to the latest developments in genetic engineering, precision farming and animal nutrition, to name just a few.

#### What determines my program requirements?

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

**Calendar Year:** 2025/2026 - 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](http://www.ulethbridge.ca/artsci))

**Program(s):** Bachelor of Science

**Major(s):** Agricultural Studies

**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](http://www.ulethbridge.ca/ross/minors).

#### Am I admissible to this program?

**Admission:** [www.ulethbridge.ca/ross/admissions/undergrad](http://www.ulethbridge.ca/ross/admissions/undergrad)

**Transfer:** [www.ulethbridge.ca/ross/transfer-resources](http://www.ulethbridge.ca/ross/transfer-resources)

#### When/How do I apply to the University?

**Deadlines:** [www.ulethbridge.ca/ross/admissions/undergrad/deadlines](http://www.ulethbridge.ca/ross/admissions/undergrad/deadlines)

**Step-by-Step:** [www.ulethbridge.ca/ross/admissions/step-by-step](http://www.ulethbridge.ca/ross/admissions/step-by-step)

#### Where can I find information on courses?

**Course Catalogue:** [www.ulethbridge.ca/ross/courses](http://www.ulethbridge.ca/ross/courses)

**Registration Guide:** [www.ulethbridge.ca/ross/registration-guide](http://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](http://www.ulethbridge.ca/ross/registration-dates)

#### How can I enhance my program?

**Career Bridge:** [www.ulethbridge.ca/career-bridge](http://www.ulethbridge.ca/career-bridge)

**Co-op Education:** [www.ulethbridge.ca/career-bridge/co-operative-education](http://www.ulethbridge.ca/career-bridge/co-operative-education)

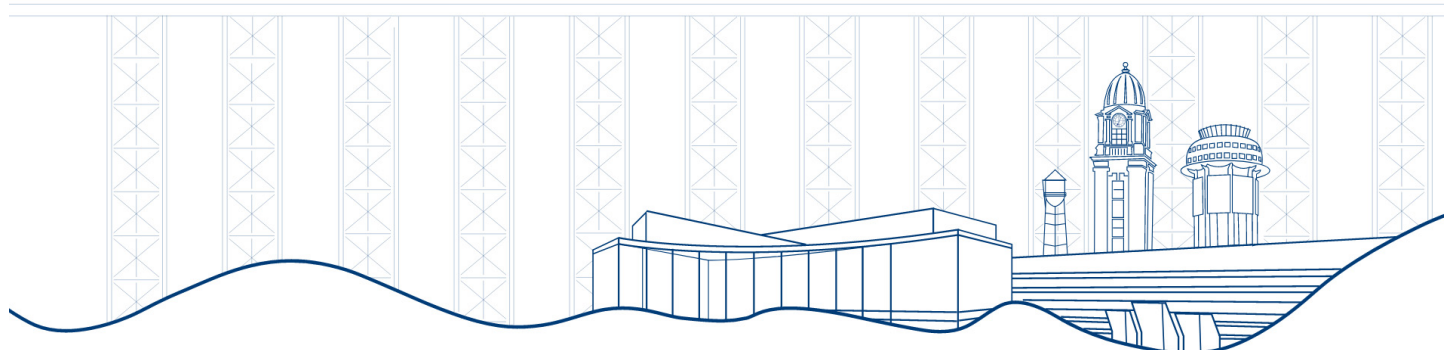
#### What supports are available to students?

**Student Services:** [www.ulethbridge.ca/campus-life/student-services](http://www.ulethbridge.ca/campus-life/student-services)

**Student Success Centre:** [www.ulethbridge.ca/student-success-centre](http://www.ulethbridge.ca/student-success-centre)

**Accessible Learning:** [www.ulethbridge.ca/ross/alc](http://www.ulethbridge.ca/ross/alc)

**Counselling Services:** [www.ulethbridge.ca/counselling](http://www.ulethbridge.ca/counselling)





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### Program Requirements (20 Courses)

Students must complete at least 20 courses (60.0 credit hours) from disciplines offered by the Faculty of Arts and Science, Faculty of Fine Arts, or School of Liberal Education (i.e. no courses labelled ACCT, ADCS, AGEM, CDEV, CRED, EDUC, FINC, GLBU, HLSC, HRLR, IGBM, INHL, MGT, MKTG, NURS, PUBH, or TREC), as follows, with a minimum GPA of 2.00.

#### Required core (11 courses):

- \_\_\_\_\_ 1. Agricultural Studies 1000 - The Evolution of Agriculture
- \_\_\_\_\_ 2. Agricultural Studies 3300 - Modelling of Agricultural Systems
- \_\_\_\_\_ 3. Agricultural Studies 4000 - Seminar in Agricultural Issues
- \_\_\_\_\_ 4. Biology 1010 - Cellular Basis of Life
- \_\_\_\_\_ 5. Economics 1010 - Introduction to Microeconomics
- \_\_\_\_\_ 6. Economics 3220 - Environmental Economics
- \_\_\_\_\_ 7. Economics 3300 - Agricultural Policy I
- \_\_\_\_\_ 8. Geography 3210 - Food Systems Analysis
- \_\_\_\_\_ 9. Statistics 1770 - Introduction to Probability and Statistics
- \_\_\_\_\_ 10. **One of:**
  - \_\_\_\_\_ Philosophy 2001 - Introduction to Ethics
  - \_\_\_\_\_ Philosophy 2236 - Environmental Philosophy
  - \_\_\_\_\_ Philosophy 3402 - Biomedical Ethics
- \_\_\_\_\_ 11. **One of:**
  - \_\_\_\_\_ English 1900 - Introduction to Language and Literature
  - \_\_\_\_\_ History 1000 - The Western World
  - \_\_\_\_\_ History 1200 - World History
  - \_\_\_\_\_ Philosophy 1000 - Introduction to Philosophy
  - \_\_\_\_\_ Religious Studies 1000 - Introduction to World Religions

#### 12.-19. One of the following streams (a. or b.; eight courses):

##### a. Biological Sciences Stream

- \_\_\_\_\_ Biology 2000
- \_\_\_\_\_ Biology 2150
- \_\_\_\_\_ Biology 2200
- \_\_\_\_\_ Chemistry 1110
- \_\_\_\_\_ Chemistry 2120

##### Three of:

- \_\_\_\_\_ Biology 2090/Geography 2090
- \_\_\_\_\_ <sup>1</sup>Biology 2300
- \_\_\_\_\_ Biology 3095/Geography 3095
- \_\_\_\_\_ Biology 3420
- \_\_\_\_\_ Biology 3460
- \_\_\_\_\_ Biology 3520
- \_\_\_\_\_ Biology 3530
- \_\_\_\_\_ Biology 3560
- \_\_\_\_\_ Biology 3700
- \_\_\_\_\_ Biology 3710
- \_\_\_\_\_ Biology 3720
- \_\_\_\_\_ Biology 4570
- \_\_\_\_\_ Environmental Science 2000
- \_\_\_\_\_ Environmental Science 4010

### b. Geography Stream

#### Eight of:

- \_\_\_\_\_ Environmental Science 2000
- \_\_\_\_\_ Environmental Science 4010
- \_\_\_\_\_ Biology 2090/Geography 2090
- \_\_\_\_\_ Geography 2300
- \_\_\_\_\_ Geography 2700
- \_\_\_\_\_ Geography 2735
- \_\_\_\_\_ Geography 3075
- \_\_\_\_\_ Geography 3080
- \_\_\_\_\_ Geography 3095/Biology 3095
- \_\_\_\_\_ Geography 3400
- \_\_\_\_\_ Geography 3440/Environmental Science 3440
- \_\_\_\_\_ Geography 3700
- \_\_\_\_\_ Geography 3710
- \_\_\_\_\_ Geography 3720
- \_\_\_\_\_ Geography 3735
- \_\_\_\_\_ Geography 3740
- \_\_\_\_\_ Geography 4060
- \_\_\_\_\_ Geography 4400
- \_\_\_\_\_ Geography 4725
- \_\_\_\_\_ Geography 4740

#### Elective (one course):

- \_\_\_\_\_ 20. One additional course from List I: Fine Arts and Humanities Courses

#### Notes

<sup>1</sup> This course has a prerequisite or corequisite that is not required for the major.

Courses labeled as "electives" may be used towards a minor if a minor is chosen. Additional courses (apart from the core, stream, and elective courses) must be completed if a concentration is declared.

To determine if a given course has a Fine Arts and Humanities designation, see List I: Fine Arts and Humanities Courses (see **School of Liberal Education** in the 2025/2026 University of Lethbridge Calendar, [www.ulethbridge.ca/ross/academic-calendar](http://www.ulethbridge.ca/ross/academic-calendar)).

No more than two Independent Study courses (3990 or 4990; 6.0 credit hours) may be counted towards the program.

Students may count a maximum of two Special Topics courses (i.e., Biology or Geography 3850 or 4850) towards the required stream provided they are (1) clearly related to the stream and (2) approved by the Coordinator of Agricultural Studies.

Students wishing to pursue the Concentration in Geographical Information Science must complete Geography 2735 among the eight courses required in the Geography Stream.

A student who successfully completes this degree program and major may apply to the Alberta Institute of Agrologists (AIA) to be registered as a Professional Agrologist within Alberta. Students should contact the Coordinator of Agricultural Studies early in the program for further information.

#### Optional Concentration:

For information about the optional concentrations, see **Faculty of Arts and Science** in the 2025/2026 University of Lethbridge Calendar, [www.ulethbridge.ca/ross/academic-calendar](http://www.ulethbridge.ca/ross/academic-calendar).

#### 1.-5. Required Courses

- \_\_\_\_\_ 1. \_\_\_\_\_
- \_\_\_\_\_ 2. \_\_\_\_\_
- \_\_\_\_\_ 3. \_\_\_\_\_
- \_\_\_\_\_ 4. \_\_\_\_\_
- \_\_\_\_\_ 5. \_\_\_\_\_



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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.**

### Biological Sciences Stream

#### First Year

- Agricultural Studies 1000
- Biology 1010**
- Biology 2000**
- Biology 2150
- Chemistry 1110**
- Economics 1010**
- Chemistry 2120
- One of: Philosophy 2001, Philosophy 2236, or Philosophy 3402
- Statistics 1770
- Biology Stream course

#### Second Year

- Agricultural Studies 3300
- Agricultural Studies 4000
- Biology 2200**
- Economics 3220
- Economics 3300
- Geography 3210
- One of: English 1900, History 1000, History 1200, Philosophy 1000, or Religious Studies 1000
- Biology Stream course
- Biology Stream course
- Lib Ed Requirement course

**Note:** Courses in bold in 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.

Students choosing to complete requirements for the Concentration in Agricultural Business or in Geographical Information Science should contact the Program Coordinator and/or Arts and Science Student Program Services early in their program for assistance in planning sequencing for the required courses.

### Geography Stream

#### First Year

- Agricultural Studies 1000
- Biology 1010
- Economics 1010**
- Economics 3220
- One of: Philosophy 2001, Philosophy 2236, or Philosophy 3402
- Statistics 1770
- Geography Stream course
- Geography Stream course
- Geography Stream course
- Geography Stream course

#### Second Year

- Agricultural Studies 3300
- Agricultural Studies 4000
- Economics 3300
- Geography 3210
- One of: English 1900, History 1000, History 1200, Philosophy 1000, or Religious Studies 1000
- Geography Stream course
- Geography Stream course
- Geography Stream course
- Geography Stream course
- Geography Stream course
- Lib Ed Requirement course

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

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