

University of
Lethbridge



Faculty of Arts & Science

Program Planning Guide

Departments: Biological Sciences, Chemistry and Biochemistry, and Economics

Calendar Year: 2013/2014

Name: _____

ID: _____

Agricultural Studies

Post-Diploma Bachelor of Science

Major in Agricultural Studies:

www.uleth.ca/artsci/agricultural-studies

Faculty of Arts and Science Student Program Services:

www.uleth.ca/artsci/advising
artsci.advising@uleth.ca
(403) 329-5106
SU060

Current and Past Program Planning Guides:

www.uleth.ca/ross/ppgs

Academic Calendar:

www.uleth.ca/ross/academic-calendar

Co-operative Education:

www.uleth.ca/artsci/coop

This is a planning guide and not a graduation check or guarantee of course offerings. You should have a program check done in your final year of studies. Students are responsible for the accuracy of their own programs. The guide should be used in conjunction with the University of Lethbridge Calendar, which is the final authority on all questions regarding program requirements and academic regulations. Contact an Academic Advisor in the Faculty of Arts and Science for advising information.

Name : _____

ID : _____

Post-Diploma B.Sc. Agricultural Studies

Completion of at least 20 courses (60.0 credit hours) with a grade point average of at least 2.00.

Required core (12 courses):

- _____ Agricultural Studies 1000 - The Evolution of Agriculture
- _____ Agricultural Studies 3300 - Modelling of Agricultural Systems
- _____ Agricultural Studies 4000 - Seminar in Agricultural Issues
- _____ Biology 1010 - Cellular Basis of Life
- _____ Economics 1010 - Introduction to Microeconomics
- _____ Economics 3220 - Environmental Economics
- _____ Economics 3300 - Agricultural Policy I
- _____ ¹Geography 3210 - Agricultural Geography
- _____ Statistics 1770 - Introduction to Probability and Statistics

One of:

- _____ Philosophy 2001 - Introduction to Ethics
- _____ Philosophy 2236 - Environmental Philosophy
- _____ Philosophy 3402 - Biomedical Ethics

One of:

- _____ English 1900 - Introduction to Language and Literature
- _____ History 1000 - Western Civilization
- _____ Philosophy 1000 - Introduction to Philosophy
- _____ Religious Studies 1000 - Introduction to World Religions

One additional course from List I (Fine Arts and Humanities Courses)

Choose one of the following streams, each consisting of eight courses:

Biological Sciences Stream (EIGHT courses)

- _____ ¹Biology 2000 - Principles of Genetics
- _____ ¹Biology 2200 - Principles of Ecology
- _____ Chemistry 1110 - Chemistry for Life Sciences I
- _____ Chemistry 2120 - Chemistry for Life Sciences II

Four additional Biology courses from the Biological Sciences Stream list (below):

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

Geography Stream (EIGHT courses)

Eight Geography courses chosen from the Geography Stream list (below):

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____

Biological Sciences Stream

- | | | |
|---------------------------|---------------------------|---------------------------|
| Biology 3000 | Biology 3460 | Biology 3700 |
| Biology 3105 | Biology 3520 | Biology 4100 |
| ² Biology 3310 | Biology 3530 | ⁴ Biology 4170 |
| Biology 3400 | Biology 3560 | Biology 4560 |
| Biology 3420 | ³ Biology 3610 | |

Geography Stream

- | | | |
|-----------------------------|----------------|----------------|
| Environmental Science 2000 | Geography 3080 | Geography 4065 |
| ¹ Geography 2300 | Geography 3400 | Geography 4200 |
| ¹ Geography 2700 | Geography 3700 | Geography 4400 |
| ¹ Geography 2735 | Geography 3720 | Geography 4415 |
| Geography 3075 | Geography 3740 | Geography 4725 |
| | Geography 4060 | Geography 4740 |

Notes

¹Students in the Post-Diploma B.Sc. in Agricultural Studies are considered to have the background that satisfies the prerequisite for each of these courses.

²Prerequisite required: Biochemistry 2000.

³Prerequisite required: Environmental Science 2000.

⁴Prerequisite required: Biology 3210.

Students choosing to complete courses in the Biological Sciences Stream that require additional prerequisites will need to complete more than the minimum 20 courses for the Post-Diploma B.Sc.

Students may count Special Topics courses (i.e., Biology or Geography 3850 or 4850) towards the required stream provided:

1. They are clearly related to the Stream; and,
2. They are approved by the Coordinator of Agricultural Studies.

Students may include a maximum of two Special Topics courses in their degree program.

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

General requirements:

- _____ Completion of the General Liberal Education Requirement (see **Part 4 - Academic Regulations, Section 10, p. 88**).
- _____ At least 10 Arts and Science courses from the list Science Courses.
- _____ Not more than 10 courses may be taken at the 0100/1000 level for credit toward the degree. Activity courses are exempted from this limit. Language courses are offered in the 0100-1990 range. Only the first course in the range counts toward this limit in the language subjects of French, German, Greek, Japanese, Latin and Spanish. Only one of Economics 1010 and Economics 1012 will be counted toward this limit. Only one of Biology 1010 and Biology 1020 will be counted toward this limit. Only one of Geography 1000 and Geography 1200 will be counted toward this limit (see **Part 4, Section 3.c, Exceeding Course Limits, p. 73**).
- _____ At least six courses at the 3000/4000 level, excluding Activity courses.
- _____ Not more than two Independent Study courses may be taken for credit toward the degree (see **Part 4, Section 3.c, Exceeding Course Limits, p. 73**).

Concentration: Agricultural Business (Optional)

See the 2013/2014 Calendar, p. 150, for more information.

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

Geographical Information Science (Optional)

See the 2013/2014 Calendar, p. 150, for more information.

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

Sample Sequencing Plan

Shown below is a sample sequence of courses for your degree. If you follow this plan, you should be able to graduate in two years, provided you complete five courses per semester. This is just one example of how you could complete your major and degree requirements; you may find that a different sequence works as well as this one.

<p>Year 1, Fall Agricultural Studies 1000 Biology 1010 Economics 1010 One of: English 1900, History 1000, Philosophy 1000, Religious Studies 1000 Required Stream course</p>	<p>Year 1, Spring Economics 3220 One of ¹:Philosophy 2001, Philosophy 2236 or Philosophy 3402 Statistics 1770 Required Stream course Required Stream course</p>
<p>Year 2, Fall Agricultural Studies 3300 Economics 3300 Geography 3210 Required Stream course Required Stream course</p>	<p>Year 2, Spring Agricultural Studies 4000 Required Stream course Required Stream course Required Stream course GLER course</p>

¹ Semester of offering may vary.

Note: 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.

Terms Used

GLER course: A course that could count toward the General Liberal Education Requirement. You may use courses in your major towards this 12-course requirement. See the 2013/2014 University of Lethbridge Calendar, Part 4 - Academic Regulations (p. 88) for complete information.

Elective: A course that you may choose freely from all those available and applicable to your program. Use courses inside or outside your major, bearing in mind any restrictions that may apply (e.g., a maximum of 24 courses from any one discipline).



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Lethbridge, Alberta T1K 3M4

