

University of
Lethbridge



Faculty of Arts & Science

Program Planning Guide

Departments: Biological Sciences and Geography

Calendar Year: 2013/2014

Name: _____

ID: _____

Environmental Science

Post-Diploma Bachelor of Science

Major in Environmental Science:

www.uleth.ca/artsci/environmental-science

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. Environmental Science

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

Major Requirements (14 courses)

- _____ Biology 1010 - Cellular Basis of Life
- _____ Biology 2000 - Principles of Genetics

Two 3000- or 4000-level Biology courses, chosen from among the Biological Sciences Department's List 1 (Cellular and Molecular Biology), List 2 (Organismal Biology) and List 3 (Ecology and Evolutionary Biology) courses, see Section 15.h. (p. 116)

1. _____ 2. _____

One of:

- _____ Biology 3300 - Evolution
- or**
- _____ A 3000- or 4000-level Biology course chosen from the Biological Sciences Department's List 3 (Ecology and Evolutionary Biology), see Section 15.h. (p. 116)

- _____ Environmental Science 4000 - Selected Studies in Environmental Science II (Series)
- _____ Geography 2300 - Weather and Climate
- _____ Geography 2700 - Geographical Data and Analysis
- _____ Geography 3740 - Geographical Information Systems

Two 3000- or 4000-level Geography or Geology courses, with a Science designation (see List III: Science Courses, p. 90)

1. _____ 2. _____

Three additional courses as follows:

- _____ Two lab-based courses in Chemistry at or above the 1000 level (preferably Chemistry 1110 - Chemistry for Life Sciences I and Chemistry 2120 - Chemistry for Life Sciences II)

1. _____ 2. _____

One of:

- _____ Physics 1050 - Introduction to Biophysics
- _____ Statistics 1770 - Introduction to Probability and Statistics

Notes

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). Some courses are specifically excluded from the Post-Diploma B.Sc. Environmental Science program because close equivalents should have been included in the College Diploma. If any of these courses is required as a course prerequisite, students in the Post-Diploma B.Sc. Environmental Science program are considered to have met that requirement.

If your diploma content differs and there is a problem meeting prerequisites for required courses, consult the Program Coordinator for Environmental Science.

Excluded Courses:

- | | |
|---|---|
| Biology 1020 - Diversity of Life | Geography 2735 - Introduction to Geographical Information Science |
| Biology 2200 - Principles of Ecology | Geography 3080 - Soils |
| Geography 1000 - Introduction to Physical Geography | Geology 2060 - Physical Geology |

General Requirements (6 courses)

General Liberal Education Requirement

Only four courses (12.0 credit hours) in total may be counted from all courses offered by a single department. See the 2013/2014 Calendar, p. 88, for more information.

Three courses from LIST I: Fine Arts and Humanities Courses

1. _____ 3. _____
2. _____

One course from LIST II: Social Science Courses

One additional course from LIST I or II

One additional course at the 3000/4000 level

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 Biology 1010 Chemistry 1110 ¹ Geography 2300 Physics 1050 or Statistics 1770 GLER course</p>	<p>Year 1, Spring Biology 2000 Chemistry 2120 ¹ Geography 2700 GLER course GLER course</p>
<p>Year 2, Fall Biology 3000/4000 level Biology 3000/4000 level Environmental Science 4000 ² Geography or Geology 3000/4000 level (Science) GLER course</p>	<p>Year 2, Spring Biology 3300 or List 3 Biology 3000/4000 level Geography 3740 Geography or Geology 3000/4000 level (Science) GLER course Elective 3000/4000 level</p>

¹ Preferred Chemistry courses.

² Semester of offering may vary.

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).



www.ulethbridge.ca

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

University of Lethbridge
Registrar's Office and Student Services
4401 University Drive
Lethbridge, Alberta T1K 3M4

