

Name: _____ ID: _____ Email: _____

Students are responsible for the accuracy of their own programs. Use this SELF-HELP GUIDE in conjunction with the University of Lethbridge Calendar and Timetable/Registration Guides.

2011/2012 Program Planning Worksheet

B.Sc. General Major in the Sciences

This worksheet has five sections (with instructions):

Degree Summary is an overview of degree and major requirements.

Progress Report: Degree-at-a-Glance helps you keep track of all of the courses you have taken.

Tracking Your Requirements shows how some of the courses you take fulfill specific degree requirements.

Sample Sequencing Plan shows a sample sequence for the first two years of your degree.

Frequently Asked Questions lists common questions, and answers, to help you during your university career.

Please remember that this is only a guide. It must be used in conjunction with the 2011/2012 University of Lethbridge Calendar, which contains detailed information on major, program, and degree requirements and is the final authority on all questions regarding the B.Sc. degree program.

Degree Summary

How to use this summary: When you have met a requirement, place a check mark beside it. When all the requirements have been checked, you should be ready to graduate. You are urged to have a program check done in your final year of studies.

A. To qualify for graduation with a B.Sc., you must fulfill degree requirements:

- _____ 1. At least 40 courses with a minimum grade point average of 2.00.
- _____ 2. The General Liberal Education Requirement (see the 2011/2012 Calendar, p. 85).
- _____ 3. At least 25 Science courses (see List III). See the 2011/2012 Calendar, p. 110, Divisional Course Designation, and p. 85 of the General Liberal Education Requirement for List III (Science).
- _____ 4. At least 10 Arts and Science courses (a minimum of 30.0 credit hours) at the 3000/4000 level (Activity courses do not meet this requirement).
- _____ 5. Not more than five Independent Studies.
- _____ 6. Not more than 10 courses at the 1000 level (Activity courses do not count toward this limit).
- _____ 7. Not more than 20 courses from one Department.
- _____ 8. Not more than four Activity courses (that is, courses with a weighting of 1.5 credit hours).
- _____ 9. Not more than four courses outside the Faculty of Arts and Science. (See the 2011/2012 Calendar, p. 100, for further information, and p. 110 for a list of Arts and Science major disciplines and supplementary courses of instruction.)

B. To qualify for graduation, you must also fulfill major requirements:

- _____ 1. All specific requirements for the major (see the 2011/2012 Calendar, Part 7, and refer to page 2 of this worksheet).
- _____ 2. Not more than 20 courses from one department.
- _____ 3. At least half the courses required in the major (including cognates) must be completed at the University of Lethbridge.

C. To qualify for graduation, you must also fulfill the University of Lethbridge Residence Requirement:

- _____ 1. For the B.Sc. as the first degree: 20 courses completed at the University of Lethbridge, including the last 10 taken for credit toward the degree.

Co-operative Education

A Co-op option, requiring three work terms, is available. Students interested in the Co-operative Education/Internship program should contact the Coordinator of Co-operative Education in the Career Resources Centre (AH154 | phone: 403-382-7154) for further information.

Name : _____ ID : _____ Email : _____

Progress Report: Degree-at-a-Glance

List each course you complete on this page. Each course will be listed only once, either under 'Major' or 'Courses Outside the Major.' The total number of courses must be at least 40.

You will do 20 courses in your General Major and 20 outside it. If you do additional courses in your disciplinary streams, you may count them as courses outside the major, provided you do not exceed the maximum 20 courses from one department.

General Majors in the Sciences require at least five courses in each of three disciplinary streams, plus four electives from any of the streams available for that major. One additional course is also required (see below).

Note: List all courses including transfer credit, both specified and unspecified. Unspecified credit is indicated on your transcript by the subject name and course level.

Major - General Major in the Sciences

- First Disciplinary Stream { 1. _____
2. _____
3. _____
4. _____
5. _____
- Second Disciplinary Stream { 6. _____
7. _____
8. _____
9. _____
10. _____
- Third Disciplinary Stream { 11. _____
12. _____
13. _____
14. _____
15. _____
- Electives { 16. _____
17. _____
18. _____
19. _____

- Additional Course 20. Science in Human Affairs course from the following list:
- ___ Biochemistry 2300 - Elements of Human Nutrition
 - ___ Environmental Science 2000 - Fundamentals of Environmental Science
 - ___ Philosophy 2233 - Philosophy and the World View of Science: Earth and Life Sciences
 - ___ Philosophy 2234 - Philosophy and the World View of Science: Space, Time and Matter
 - ___ Philosophy 3402 - Biomedical Ethics
 - ___ Physics 2020 - The Physics of Everyday Life

Note: Some of the above courses have prerequisites which may or may not be included in the major. Please check the current Calendar or Timetable and Registration Guide for prerequisites.

Seven courses of the 20 required for the major must be at the 3000/4000 level

Courses Outside the Major

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- (min.) 20. _____

For a General Major in the Sciences, choose 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
- Mathematics - all courses (including courses in Statistics)
- Neuroscience - all courses
- Physics - all courses (including courses in Astronomy and Engineering)
- Psychology - all courses designated Science

Tracking Your Requirements

One course can meet more than one requirement. Therefore, a course may be listed under more than one heading.

For example, if you are pursuing a General Major in the Sciences, the course Biology 3400 would count toward the major; it would count toward the senior course requirement; it would be listed as a Science course for the B.Sc.; and, it would be used in the General Liberal Education Requirement as a Science course. Biology 3400 would be listed four times, since it is part of four separate requirements.

General Liberal Education Requirement (GLER)

(See the 2011/2012 Calendar, p. 85.)

- Fine Arts and Humanities (List I) 1. _____
- 2. _____
- 3. _____
- 4. _____
- Social Science (List II) 5. _____
- 6. _____
- 7. _____
- 8. _____
- Science (List III) 9-12. Fulfilled with courses in the major

Note: *Not more than four courses from one department. Courses from your major are counted toward this requirement.*

1000-Level Courses (numbered 0100 to 1990)

(See the 2011/2012 Calendar, p. 99. Activity courses do not count toward this limit.)

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- (max.) 10. _____

3000/4000-Level Arts and Science Courses

(A minimum of 30.0 credit hours. Activity courses do not meet this requirement.)

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- (min.) 10. _____

Divisional Course Designation

(See the 2011/2012 Calendar, p. 110 and Lists I, II, and III, p. 85.)

25 Science Courses for the B.Sc. (List III)

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____
- 21. _____
- 22. _____
- 23. _____
- 24. _____
- (min.) 25. _____

Sample Sequencing Plan (Years 1 and 2)

Shown below is a sample sequence of courses for the first two years of your degree. This is just one example of how you could complete some of the requirements in the first two years; you may find that a different sequence works as well as this one.

<p>Year 1, Fall First Stream course Second Stream course GLER course GLER course GLER course</p>	<p>Year 1, Spring First Stream course Second Stream course Third Stream course GLER course GLER course</p>
<p>Year 2, Fall First Stream course Second Stream course Science elective GLER course GLER course</p>	<p>Year 2, Spring Third Stream course Science in Human Affairs course GLER course Elective Elective</p>

Note: Students should ensure that prerequisites for senior courses in their chosen disciplinary streams are completed in the first two years. Please consult the current Calendar or Timetable and Registration Guide for prerequisites.

Terms Used

GLER course: A course that could count toward the General Liberal Education Requirement (see below). You may use courses in your major towards this 12-course requirement. The Faculty of Arts and Science offers Liberal Education 1000 and 2000 which may be used toward satisfying the GLER.

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 20 courses from any one department).

Frequently Asked Questions (FAQs)

What is the General Liberal Education Requirement (GLER)?

The General Liberal Education Requirement is part of the liberal arts focus of the University. Every student must complete 12 Arts and Science courses including four courses from List I: Fine Arts and Humanities, four courses from List II: Social Sciences, and four courses from List III: Sciences. Required courses in your program can be used to meet the GLER. No more than four courses from any one department may be used to meet this requirement. For complete details about the GLER, see the 2011/2012 Calendar p. 85.

What is a prerequisite, corequisite, and recommended background?

A prerequisite is a course that you must have completed with at least a 'D,' 'Credit,' or 'Pass' before you are eligible to register in a given course. A corequisite is a course that you must take prior to or concurrently with the course in which you want to register. Recommended background is a course or courses that you are advised to take before you register in a particular course, but you are not required to do so. Prerequisites, corequisites, and recommended background are listed for each course in the Calendar and the Timetable and Registration Guide. Remember that you must follow the current Calendar for prerequisites, corequisites, and recommended background.

What is an Independent Study?

An Independent Study is a course that consists of individual study for course credit under the supervision of a professor and may be completed at the 2000, 3000, or 4000 level. Independent Study may take a variety of forms including library research, laboratory research projects, or field study. You may complete a maximum of five Independent Study courses. For further information, students should consult the Department or Faculty member under whom they wish to pursue an independent study.

What is an Applied Study?

An Applied Study course is an employment or volunteer arrangement for which students may be granted course credit. Students should see the Coordinator of Applied Studies for specific information (AH154 | phone: 403-382-7154).

Can I repeat a course?

You are allowed to repeat a course. The grades for both attempts are recorded on the transcript, but only the grade and credit hours for the most recent attempt are computed in the GPA. Students may not have grades and credit hours for more than one attempt calculated in the GPA. When you repeat a course, you must submit a *Repeated Course Form* to the Registrar's Office and Student Services (ROSS) so that your GPA will be recalculated using the new grade. A student may not use a Credit/Non-Credit designation to replace a previously earned grade.

What if I exceed course limits?

If you exceed any course limits (e.g., take too many Activity, Independent Study, or Introductory courses), or take two courses that are substantially similar, you will need to complete more than the minimum number of courses for your program. For example, if you happen to take 11 courses at the 1000 level you will need to complete a total of 41 courses for your degree. Please contact an Academic Advisor for more information.

What if I have more questions?

Most of your questions can be answered by reviewing Part 7 (Faculty of Arts and Science), and Part 4 (Academic Regulations, Policies and Program Requirements) of the University Calendar. If you have any further questions, you may want to consult with an Academic Advisor (SU060 | phone: 403-329-5106 | email: artsci.advising@uleth.ca).

