

University of
Lethbridge



Program Planning Guide

Calendar Year: 2016/2017

Name: _____

ID: _____

Bachelor of Management
Computer Science

Management Degree Programs:

www.uleth.ca/management/degree-and-certificate-programs

Academic Calendar:

www.uleth.ca/ross/academic-calendar

High School Prerequisites by Course:

www.uleth.ca/ross/hs_prereqs/course

Current and Past Program Planning Guides:

www.uleth.ca/ross/ppgs

Co-operative Education:

www.uleth.ca/management/man-cep

Faculty of Management Advising:

www.uleth.ca/management/student-advising
undergrad.management@uleth.ca
403-329-2153
M2060

Calgary

www.uleth.ca/calgary
calgary.campus@uleth.ca
403-571-3360
Suite S6032, 345 - 6th Avenue SE

Edmonton

www.uleth.ca/edmonton
edmonton.campus@uleth.ca
780-424-0425
Alumni House, 7128 Ada Boulevard

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 Management for advising information.

Name : _____

ID : _____

B.Mgt. Computer Science Degree Requirements

Completion of at least 40 courses (120.0 credit hours) with a grade point average of at least 2.00.

Core Requirements (17 courses)

- _____ Economics 1010 - Introduction to Microeconomics
- _____ Economics 1012 - Introduction to Macroeconomics
- _____ Management 1000 - Introduction to Management
- _____ Management 2020 - Marketing
- _____ Management 2030 - Introduction to Organizational Behaviour
- _____ Management 2070/Economics 2070 - Operations and Quantitative Management
- _____ Management 2100 - Introductory Accounting
- _____ Management 2400 - Management Accounting
- _____ Management 3031 - Managing Responsibly in a Global Environment
- _____ Management 3040 - Finance
- _____ Management 3050/Political Science 3420 - Human Resource Management
- _____ Management 3061 - Information Systems and Management
- _____ Management 3080 - Managerial Skill Development
- _____ Management 3650 - Introduction to International Management
- _____ Management 4090 - Management Policy and Strategy
- _____ Statistics 1770 - Introduction to Probability and Statistics

One of:

- _____ Writing 1000 - Introduction to Academic Writing
- _____ A university English course

Major Requirements (23 courses)

- Computer Science 1620 - Fundamentals of Programming I
 - Computer Science 1820 - Discrete Structures
 - Computer Science 2610 - Introduction to Digital Systems
 - Computer Science 2620 - Fundamentals of Programming II
 - Computer Science 2720 - Practical Software Development
 - Computer Science 3615 - Computer Architecture
 - Computer Science 3620 - Data Structures and Algorithms
 - Computer Science 3660 - Introduction to Database Systems
 - Computer Science 3720 - Introduction to Software Engineering
 - Computer Science 3740 - Programming Languages
 - Computer Science 3780 - Data Communications and Networking
- Three additional 3000/4000-level Computer Science courses offered by the Department of Mathematics and Computer Science, at least one of which must be a regularly offered 4000-level course (excluding Computer Science 4850 - Topics in Computer Science, Computer Science 4980 - Applied Studies, and Computer Science 4990 - Independent Study).

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

- _____ Management 3920 - Project Management
- _____ Mathematics 2000 - Mathematical Concepts

Three Fine Arts and Humanities courses chosen to ensure completion of the General Liberal Education Requirement (refer to the 2016/2017 University of Lethbridge Calendar, p. 85)

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

One Social Science course chosen to ensure completion of the General Liberal Education Requirement (refer to the 2016/2017 University of Lethbridge Calendar, p. 85)

- 1. _____

Three 3000/4000-level courses offered by any faculty

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

Minor (Optional): _____
See the 2016/2017 Calendar, p. 231, for eligible minors.

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

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 four 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.

Year 1 FALL (Sept - Dec)

| |
|--------------------------------------------------------------------------------------------------|
| *CPSC 1620 - Fundamentals of Programming I |
| *CPSC 1820 - Discrete Structures |
| One of: ECON 1010 - Introduction to Microeconomics ECON 1012 - Introduction to Macroeconomics |
| MGT 1000 - Introduction to Management |
| STAT 1770 - Introduction to Probability and Statistics |

Year 2 FALL (Sept - Dec)

| |
|-----------------------------------------------------|
| *CPSC 2720 - Practical Software Development |
| MATH 2000 - Mathematical Concepts |
| MGT 2030 - Introduction to Organizational Behaviour |
| MGT 2400 - Management Accounting |
| Fine Arts & Humanities Course |

Year 3 FALL (Sept - Dec)

| |
|-----------------------------------------------|
| *CPSC 3615 - Computer Architecture |
| *CPSC 3660 - Introduction to Database Systems |
| *CPSC 3740 - Programming Languages |
| MGT 3061 - Information Systems and Management |
| MGT 3040 - Finance |

Year 4 FALL (Sept - Dec)

| |
|-----------------------------------------------------|
| MGT 3650 - Introduction to International Management |
| *CPSC 3780 - Data Communications and Networking |
| *CPSC 3000/4000 level |
| *CPSC 3000/4000 level |
| Elective - 3000/4000 level |

SPRING (Jan - Apr)

| |
|--------------------------------------------------------------------------------------------------|
| MGT 2100 - Introductory Accounting |
| *CPSC 2620 - Fundamentals of Programming II |
| One of: ECON 1010 - Introduction to Microeconomics ECON 1012 - Introduction to Macroeconomics |
| One of: WRIT 1000 or a university English course |
| Fine Arts & Humanities Course |

SPRING (Jan - Apr)

| |
|-------------------------------------------------------------|
| *CPSC 2610 - Introduction to Digital Systems |
| MGT 2020 - Marketing |
| MGT 2070/ECON 2070 - Operations and Quantitative Management |
| MGT 3080 - Managerial Skill Development |
| Fine Arts & Humanities Course |

SPRING (Jan - Apr)

| |
|---------------------------------------------------------|
| *CPSC 3620 - Data Structures and Algorithms |
| MGT 3031 - Managing Responsibly in a Global Environment |
| MGT 3050/POLI 3420 - Human Resource Management |
| MGT 3920 - Project Management |
| Social Science Course |

SPRING (Jan - Apr)

| |
|---------------------------------------------------|
| MGT 4090 - Management Policy and Strategy |
| *CPSC 3720 - Introduction to Software Engineering |
| *CPSC 3000/4000 level |
| Elective - 3000/4000 level |
| Elective - 3000/4000 level |

Prerequisites & Corequisites

Check prereqs and coreqs in the current Academic Calendar or Timetable for each course before registering.

General Liberal Education Requirement (GLER)

12 Arts and Science courses are required and built into the program as follows:

- 4 List I - Fine Arts & Humanities
- 4 List II - Social Science
- 4 List III - Science

Introductory Course Limit

Not more than 12 courses (36 credit hours) may be completed at the 1000 level (or lower) for credit toward the degree.

Residence Requirement

All students must complete at least 20 University of Lethbridge courses, 10 of which must be 3000/4000-level Management courses. Computer Science majors can also use 3000/4000-level Computer Science courses to meet this requirement.

Minimum Grade Requirement

A minimum grade of 'C-' is required in ECON 1010; ECON 1012; STAT 1770; WRIT 1000 OR a university English course; and all Management courses; and all courses marked with an asterisk (*) in order to meet degree requirements

Activity Course Limit

Not more than 6 credit hours in Activity courses (labelled PHAC and MUSE) may be taken for credit towards the degree.

Time Limit for Degree

All degree requirements must be completed within 10 years after acceptance into the Faculty of Management.

Repeated Courses

Submit a 'Repeated Course Form' through the Registrar's Office for each repeated course so only the most recent attempt is calculated in the GPA.

Sequencing

Courses in this major may not be offered every semester. Consult timetables and academic advisors.



www.ulethbridge.ca

inquiries@uleth.ca
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University of Lethbridge
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Lethbridge, Alberta T1K 3M4

