



## Program Planning Guide

Calendar Year: 2015/2016

Faculty: Management

Current and past Program Planning Guides are available on the UofL website at [www.uleth.ca/ross/ppgs/ppg.html](http://www.uleth.ca/ross/ppgs/ppg.html)

### Bachelor of Management Minimum Admission Requirements

Admission to the Bachelor of Management program may be gained by one of the following admission routes.

- Alberta or other Canadian high school credentials
- Transfer from recognized colleges or universities
- Adult (Mature) Admission
- Credentials from other countries

Please note that the admission policies and procedures set out in Part I - Admission of the UofL Calendar are applicable unless otherwise noted.

### Management Minors

The Faculty of Management offers minors in First Nations' Governance, Information Systems\*, International Management, New Media, Population Health, Social Responsibility, and Supply Chain Management. In some cases, achievement of the minor and a chosen major will require a student to take extra courses. Students may not declare a minor in the same subject as their major. For students who complete all the requirements, the minor will be acknowledged on the official transcript (see Part 11 - Faculty of Management in the UofL Calendar or the Minor Program Planning Guides available online at [www.uleth.ca/ross/program-planning](http://www.uleth.ca/ross/program-planning)).

*\*The major and minor in Information Systems for Management programs has been suspended, beginning May 1, 2013.*

### Campuses

The Faculty of Management offers programs on three campuses: Calgary, Edmonton, and Lethbridge. On the Lethbridge campus, students can pursue all programs and majors offered by the Faculty of Management. The Calgary and Edmonton campuses serve adult learners who may be in the work force wanting to further their education. These campuses offer the B.Mgt., Post-Diploma B.Mgt., second degree in Management, the Professional Diploma in Accounting, and other Management Certificates. The following majors are offered on the Calgary Campus: Accounting, Finance, General Management, Human Resource Management and Labour Relations, and Marketing. Students who wish to complete International Management on the Calgary Campus may require alternate arrangements to complete the requirements for this major. The Edmonton Campus offers the General Management major and the Professional Diploma in Accounting program.

**Lethbridge Campus**  
Phone: 403-329-2153  
Email: [undergrad.management@uleth.ca](mailto:undergrad.management@uleth.ca)

**Calgary Campus**  
Phone: 403-571-3360  
Email: [calgary.campus@uleth.ca](mailto:calgary.campus@uleth.ca)

**Edmonton Campus**  
Phone: 780-424-0425  
Email: [edmonton.campus@uleth.ca](mailto:edmonton.campus@uleth.ca)

### Core Requirements:

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

**Note:** Due to the suspension of the Information Systems major, certain courses in the Computer Science major will not be offered after the 2013/2014 academic year, until further notice. This applies to Management 3821, 3830, 4840, and 4841. Students interested in the Computer Science major should choose Option A and consult with a Management advisor.

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 3740 - Programming Languages

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).

Management 3821 - Visual Programming Applications  
Mathematics 2000 - Mathematical Concepts

#### One of:

Computer Science 3660 - Introduction to Database Systems  
Management 3830 - Contemporary Database Applications

#### One of A or B:

A. Computer Science 3720 - Introduction to Software Engineering, and  
Computer Science 3780 - Data Communications and Networking

#### OR

B. Management 4840 - Systems Analysis, and  
Management 4841 - Systems Design

Three Fine Arts and Humanities courses chosen to ensure completion of the General Liberal Education Requirement (refer to the 2015/2016 University of Lethbridge Calendar, p. 83)

One Social Science course chosen to ensure completion of the General Liberal Education Requirement (refer to the 2015/2016 University of Lethbridge Calendar, p. 83)

Three 3000/4000-level courses offered by any faculty

# Bachelor of Management Computer Science

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)

<b>*CPSC 1620 - Fundamentals of Programming I</b> (PREREQS: One of MATH 30-1, MATH 30-2, Pure MATH 30, or MATH 0500)
<b>*CPSC 1820 - Discrete Structures</b> (PREREQS: One of MATH 30-1, MATH 30-2, Pure MATH 30, or MATH 0500)
<b>One of: ECON 1010 - Introduction to Microeconomics ECON 1012 - Introduction to Macroeconomics</b>
<b>MGT 1000 - Introduction to Management</b>
<b>STAT 1770 - Introduction to Probability and Statistics</b> (PREREQS: One of MATH 30-1, MATH 30-2, Pure MATH 30, or MATH 0500)

## Year 2 FALL (Sept - Dec)

<b>*CPSC 2720 - Practical Software Development</b> (PREREQS: CPSC 2620)
<b>MATH 2000 - Mathematical Concepts</b> (PREREQS: see current Calendar)
<b>MGT 2030 - Introduction to Organizational Behaviour</b> (PREREQS: One of WRIT 1000 or a university English course; 2nd-year standing)
<b>MGT 2400 - Management Accounting</b> (PREREQS: MGT 2100; One of WRIT 1000 or a university English course; all prereqs must have a minimum 'C-' grade) (COREQS: Economics 1010; Economics 1012; STAT 1770)
<b>Fine Arts &amp; Humanities Course</b>

## Year 3 FALL (Sept - Dec)

<b>*CPSC 3615 - Computer Architecture</b> (PREREQS: CPSC 2610; CPSC 2620)
<b>*CPSC 3740 - Programming Languages</b> (PREREQS: CPSC 2620; MATH 2000)
<b>MGT 3061 - Information Systems and Management</b>
<b>MGT 3040 - Finance</b> (PREREQS: ECON 1010; ECON 1012; MGT 2400; STAT 1770)
<b>One of: *CPSC 3660 - Introduction to Database Systems</b> (PREREQS: CPSC 2620; One of GEOG 3740 or MATH 2000) <b>MGT 3830 - Contemporary Database Applications</b> (COREQS: One of CPSC 1620 or MGT 3061)

## Year 4 FALL (Sept - Dec)

<b>MGT 3650 - Introduction to International Management</b> (PREREQS: 15 university-level courses (a minimum of 45.0 credit hours))
<b>One of: *CPSC 3780 - Data Communications and Networking</b> (PREREQS: CPSC 2620) <b>MGT 4840 - Systems Analysis<sup>1</sup></b> (PREREQS: MGT 3830; 4th-year standing)
<b>*CPSC 3000/4000 level</b>
<b>*CPSC 3000/4000 level</b>
<b>Elective - 3000/4000 level</b>

## SPRING (Jan - Apr)

<b>MGT 2100 - Introductory Accounting</b>
<b>*CPSC 2620 - Fundamentals of Programming II</b> (PREREQS: CPSC 1620; One of CPSC 1820 or MATH 1410)
<b>One of: ECON 1010 - Introduction to Microeconomics ECON 1012 - Introduction to Macroeconomics</b>
<b>One of: WRIT 1000 or a university English course</b>
<b>Fine Arts &amp; Humanities Course</b>

## SPRING (Jan - Apr)

<b>*CPSC 2610 - Introduction to Digital Systems</b> (PREREQS: CPSC 1620; One of CPSC 1820 or MATH 1410)
<b>MGT 2020 - Marketing</b>
<b>MGT 2070/ECON 2070 - Operations and Quantitative Management</b> (PREREQS: STAT 1770; 2nd-year standing)
<b>MGT 3080 - Managerial Skill Development</b>
<b>Fine Arts &amp; Humanities Course</b>

## SPRING (Jan - Apr)

<b>*CPSC 3620 - Data Structures and Algorithms</b> (PREREQS: CPSC 1820; CPSC 2620)
<b>MGT 3031 - Managing Responsibly in a Global Environment</b> (PREREQS: ECON 1010; ECON 1012; One of WRIT 1000 or a university English course)
<b>MGT 3050/POLI 3420 - Human Resource Management</b> (PREREQS: One of MGT 2030 or a 2000 level course in Political Science; One of WRIT 1000 or a university English course)
<b>MGT 3821 - Visual Programming Applications</b> (PREREQS: CPSC 1620)
<b>Social Science Course</b>

## SPRING (Jan - Apr)

<b>MGT 4090 - Management Policy and Strategy</b> (PREREQS: 4th-year standing; MGT 2020; MGT 3031; MGT 3040; MGT 3050/POLI 3420; MGT 3061)
<b>One of: *CPSC 3720 - Introduction to Software Engineering</b> (PREREQS: CPSC 2720) <b>MGT 4841 - Systems Design<sup>1</sup></b> (PREREQS: MGT 3821; MGT 4840)
<b>*CPSC 3000/4000 level</b>
<b>Elective - 3000/4000 level</b>
<b>Elective - 3000/4000 level</b>

## NOTES

### Prerequisites & Corequisites

2015/2016 prereqs and coreqs are given in parentheses below each applicable course, but are subject to change. 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

### 1000-Level Limit

Not more than 12 courses may be taken at the 0100/1000 level 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; all Management courses; and all courses marked with an asterisk (\*) in order to meet degree requirements.

### 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.

1. Choose A or B: A. CPSC 3720 & CPSC 3780 or B. MGT 4840 & MGT 4841.

**Note:** Due to the suspension of the Information Systems major, certain courses in the Computer Science major will not be offered after the 2013/2014 academic year, until further notice. This applies to Management 3821, 3830, 4840, and 4841. Students interested in the Computer Science major should choose Option A and consult with a Management advisor.

