



Program Planning Guide

Current and past Program Planning Guides are available on the UofL website at www.uleth.ca/ross/ppgs/ppg.html

Calendar Year: 2014/2015

Faculty: Management

Bachelor of Management Minimum Admission Requirements

The Bachelor of Management degree in Computer Science requires a minimum of 40 courses.

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.

All applicants must satisfy the following requirements as outlined in Part I - Admission, Section 3.a.1. of the UofL Calendar, satisfactory completion of Alberta's (or equivalent):

- English Language Arts 30-1
- Mathematics 30-1, Mathematics 30-2, or Pure Mathematics 30
- Two other 30-level Academic Courses
- A Fifth Course (not including Special Projects) at the Grade 12 level

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).

**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

Calgary Campus
Phone: 403-571-3360
Email: calgary.campus@uleth.ca

Edmonton Campus
Phone: 780-424-0425
Email: 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 2014/2015 University of Lethbridge Calendar, p. 88)

One Social Science course chosen to ensure completion of the General Liberal Education Requirement (refer to the 2014/2015 University of Lethbridge Calendar, p. 88)

Three 3000/4000-level courses offered by any faculty

Computer Science

Bachelor of Management

Below is a suggested sequence plan for the B.Mgt. Computer Science program.

Prerequisites and corequisites as of 2014/2015 are given in parentheses below each applicable course; where more than one prerequisite/corequisite is required, items are separated by semi-colons. Check the current Calendar/Timetable for current prerequisites and corequisites.

Year 1 FALL (Sept - Dec)

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

Year 2 FALL (Sept - Dec)

*CPSC 2720 - Practical Software Development (PREREQS: CPSC 2620)
MATH 2000 - Mathematical Concepts (PREREQS: see current Calendar)
MGT 2030 - Introduction to Organizational Behaviour (PREREQS: One of WRIT 1000 or a university English course; 2nd-year standing)
MGT 2400 - Management Accounting (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)
Fine Arts & Humanities Course

Year 3 FALL (Sept - Dec)

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

Year 4 FALL (Sept - Dec)

MGT 3650 - Introduction to International Management (PREREQS: 15 university-level courses (a minimum of 45.0 credit hours))
One of: *CPSC 3780 - Data Communications and Networking (PREREQS: CPSC 2620) MGT 4840 - Systems Analysis¹ (PREREQS: MGT 3830; 4th-year standing)
*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 (PREREQS: CPSC 1620; One of CPSC 1820 or MATH 1410)
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 (PREREQS: CPSC 1620; One of CPSC 1820 or MATH 1410)
MGT 2020 - Marketing
MGT 2070/ECON 2070 - Operations and Quantitative Management (PREREQS: STAT 1770; 2nd-year standing)
MGT 3080 - Managerial Skill Development
Fine Arts & Humanities Course

SPRING (Jan - Apr)

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

SPRING (Jan - Apr)

MGT 4090 - Management Policy and Strategy (PREREQS: 4th-year standing; MGT 2020; MGT 3031; MGT 3040; MGT 3050/POLI 3420; MGT 3061)
One of: *CPSC 3720 - Introduction to Software Engineering (PREREQS: CPSC 2720) MGT 4841 - Systems Design¹ (PREREQS: MGT 3821; MGT 4840)
*CPSC 3000/4000 level
Elective - 3000/4000 level
Elective - 3000/4000 level

Notes

IMPORTANT: Prerequisites and corequisites are subject to change annually. Consult the current Calendar or Timetable.

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.

Minimum Grade Requirement

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

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.

Repeated Courses

You are allowed to repeat a course. Only your most recent attempt will be calculated in the GPA. Students who have repeated a course must submit a 'Repeated Course Form' (available at the Registrar's Office and Student Services [ROSS]).

Sequencing

Courses in this major may not be offered every semester. Students should consult current timetables. Students may opt to take Summer Session courses which may reduce the overall length of time required to complete the degree. Sequencing of courses will vary for part-time students.

