

University of
Lethbridge



Program Planning Guide

Calendar Year: 2018/2019

Name: _____

ID: _____

Bachelor of Management
Computer Science

Management Degree Programs:

www.uleth.ca/dhillon/study/degrees

Academic Calendar:

www.uleth.ca/ross/academic-calendar

High School Admission Requirements:

www.uleth.ca/ross/admissions/undergrad/high-school

Current and Past Program Planning Guides:

www.uleth.ca/ross/ppgs

Co-operative Education:

www.uleth.ca/dhillon/student-experience/co-operative-education

Dhillon School of Business Advising:

Lethbridge

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

Calgary

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

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 cumulative and graduation grade point averages 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 - 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
- _____ Management 3920 - Project Management
- _____ Mathematics 2000 - Mathematical Concepts

*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. _____ 3. _____

2. _____

Three Fine Arts and Humanities courses chosen to ensure completion of the Liberal Education List Requirement (refer to the 2018/2019 University of Lethbridge Calendar, p. 95)

1. _____ 3. _____

2. _____

One Social Science course chosen to ensure completion of the Liberal Education List Requirement (refer to the 2018/2019 University of Lethbridge Calendar, p. 95)

1. _____

Three 3000/4000-level courses offered by any Faculty or School

1. _____ 3. _____

2. _____

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 term. 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

Courses shown in Year 1 can be taken in Fall or Spring, excluding CPSC courses which should be taken in the order indicated (CPSC 1620 and CPSC 1820 before CPSC 2620).

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

Year 2, Fall

- * 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

- * CPSC 3615 - Computer Architecture
- * CPSC 3620 - Data Structures and Algorithms
- MGT 3050 - Human Resource Management¹
- MGT 3061 - Information Systems and Management
- MGT 3920 - Project Management¹

Year 4, Fall

- * CPSC 3780 - Data Communications and Networking
- * CPSC 3000/4000 level
- * CPSC 3000/4000 level
- MGT 3080 - Managerial Skill Development
- Elective - 3000/4000 level

Year 1, Spring

Courses shown in Year 1 can be taken in Fall or Spring, excluding CPSC courses which should be taken in the order indicated (CPSC 1620 and CPSC 1820 before CPSC 2620).

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

Year 2, Spring

- * CPSC 2610 - Introduction to Digital Systems
- MGT 2020 - Marketing
- MGT 2070/ECON 2070 - Operations and Quantitative Management
- MGT 3040 - Finance
- Fine Arts & Humanities Course

Year 3, Spring

- * CPSC 3660 - Introduction to Database Systems
- * CPSC 3740 - Programming Languages
- MGT 3031 - Managing Responsibly in a Global Environment¹
- MGT 3650 - Introduction to International Management¹
- Social Science Course

Year 4, Spring

- MGT 4090 - Management Policy and Strategy
- * CPSC 3720 - Introduction to Software Engineering
- * CPSC 4000 level²
- Elective - 3000/4000 level
- Elective - 3000/4000 level

1. This course may be taken as part of Integrated Management Experience (IME) instead of as a stand-alone course. IME allows students to apply their theoretical knowledge as they study through live cases and projects. See uleth.ca/management/man-cbp/ime for more information and to apply.
2. This course should be a regularly offered 4000-level Computer Science course (excluding Computer Science 4850 - Topics in Computer Science, Computer Science 4980 - Applied Studies, and Computer Science 4990 - Independent Study).

Prerequisites & Corequisites

Check prereqs and coreqs in the current Academic Calendar or Timetable under View Catalog Entry for each course before registering. Students without appropriate prereqs or coreqs may be prevented from registration or removed from the course without notice.

Liberal Education List Requirement (Lib Ed Requirement)

12 Liberal Education 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

Only 4 courses from one discipline (e.g. ECON, MGT, MUSI) may be counted toward the Lib Ed Requirement. Only 4 courses from EDUC, ABHL, ADCS, HLSC, NURS, PUBH, TREC, and MGT may be counted toward the Lib Ed Requirement.

Introductory Course Limit

Not more than 12 courses may be completed at the 1000 level (or lower) for credit towards the degree, excluding Activity courses (PHAC and MUSE) and courses numbered 0520 to 0530.

Activity Course Limit

Not more than 6 credits in Activity courses may be taken for credit towards the degree.

Residence Requirement

Students must complete at least 20 courses at the University of Lethbridge, including 10 Management courses at the 3000/4000 level; 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, including courses cross-listed with Management; and all courses in the major marked with an asterisk (*) in order to meet degree requirements.

Time Limit for Degree

All degree requirements must be completed within 10 years after acceptance into the Dhillon School of Business.

Sequencing

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



www.ulethbridge.ca

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