

Computer Information Systems: Diploma

Faculty of Business	kpu.ca/business
Implementation Date	01-Sep-2015
Start Date(s)	September January May
Intake Type	Open intake
Instructional Cycle	Semester-based
Program Type	Undergraduate
Credential Granted	Diploma
Offered At	Surrey
Format	Full-time Part-time Co-op
How to Apply	www.kpu.ca/admission

DESCRIPTION

This 60-credit diploma program provides graduates with diverse computing knowledge to meet the computer and information system needs of organizations of all sizes. The program is designed to provide graduates with a solid foundation in computer systems and user support, network administration, systems design and foundational programming.

ADMISSION REQUIREMENTS

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement, apply to this program.

DECLARATION REQUIREMENTS

Students intending to graduate with this Faculty of Business diploma must declare the credential. At the time of declaration, the student must satisfy all of the following requirements:

- In good academic standing with the University
- Completion of a minimum of 15 credits of undergraduate coursework.

CURRICULAR REQUIREMENTS

The diploma program requires a minimum of 60 credits of required courses. The diploma program with Co-operative Education requires an additional 19 credits of Co-op Education courses.

Note: A first-year English course, ENGL 1100, is a requirement of this program. This course has prerequisites that may require a student to complete additional preparatory courses. BC Math 11 Foundations with a minimum grade of C+ (or an equivalent course) is a prerequisite for several INFO courses in Year 1. Consult an Academic Advisor to plan your course selections accordingly.

Year 1

One of:

BUQU 1130 Business Mathematics 3 credits

MATH 1140 Calculus I (Business Applications) 3 credits

One of:

BUQU 1230 Business Statistics 3 credits

MATH 1115 Statistics 1 3 credits

MATH 2341 Introduction to Statistics for Business 4 credits

All of:

INFO 1111 Introduction to Computer Hardware and Software 3 credits

INFO 1112 Principles of Program Structure and Design 3 credits

INFO 1113 Systems Analysis and Design 3 credits

INFO 1211 Operating Systems Principles And Applications 3 credits

INFO 1212 Networking Technologies I 3 credits

INFO 1213 Web Application Development 3 credits

INFO 1214 Discrete Mathematics for Information Technology 3 credits

PHIL 1150 Introduction to Formal Logic 3 credits

Year 2

All of:

BUSI 1110 Fundamentals of Business in Canada 3 credits

CMNS 1140 Introduction to Professional Communication 3 credits

ENGL 1100 Introduction to University Writing 3 credits

INFO 2311 Networking Technologies II 3 credits

INFO 2312 Database Management Systems 3 credits

INFO 2313 Object-Oriented Programming 3 credits

INFO 2315 Data Structure 3 credits

INFO 2411 Foundations of Computer Security 3 credits

INFO 2413 System Development Project 3 credits

INFO 2416 Server Operating Systems 3 credits

CO-OPERATIVE EDUCATION

The Computer Information Systems diploma is offered with a Co-operative Education option. Co-operative Education gives a student the opportunity to apply the skills gained during academic study in paid, practical work experience semesters. Students can complete two work semesters while completing their diploma. Work terms generally occur full-time in separate 4 month work semesters but may also be available part-time over an 8 month continuous (parallel) placement. Work semesters alternate with academic study.

Students wishing to enter and participate in the Co-op Option must meet the following requirements:

Declaration and Entrance Requirements:

- Declaration into the Diploma in Computer Information Systems program.
- Minimum GPA of 2.5
- Maximum of 30 credits completed

Work Term and Program Continuance Requirements:

Procedures for enrolment in Co-operative Education work terms are outlined in the COOP course descriptions. Conditions for continuance in the program are:

- Successful completion of COOP 1101 prior to completing 30 credits
- Minimum GPA of 2.5
- Instructor Permission

Co-op Course Requirements

The Co-operative Education designation requires successful completion of the following courses:

COOP 1101	Job Search Techniques	1 credit
COOP 1150	Co-op Work Semester 1	9 credits
COOP 2150	Co-op Work Semester 2	9 credits

Note: These COOP courses must be completed sequentially. COOP 1150, or 2150 may be taken part-time over two consecutive semesters as COOP 1150A/1150B, or COOP 2150A/2150B.

Additional Requirements

In addition to the requirements stated above, all Co-op students must satisfy the General Co-operative Education Requirements.

OTHER INFORMATION

Students enrolled in this program are expected to have their own laptop computers.

CREDENTIAL AWARDED

Upon successful completion of this program, students are eligible to receive a **Diploma in Computer Information Systems**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Diploma in Computer Information Systems, Co-operative Education Option**.