

Make the world
a better place
through business.



Focus area: Information systems

Information systems are the foundation that enables effective and efficient operation of a business and its processes. They also provide strategic value in enabling new and innovative business models and are a critical requirement for supply chain integration and co-ordination.

Today's information systems professionals face an environment that's more challenging and exciting than ever before. Technology has connected people and shaped organizations in ways that were previously unimagined, creating new and exciting career possibilities. Qualified information systems professionals are in high demand, making this field full of opportunity for job seekers.

Pursuing courses from this focus area will provide you with the knowledge and skills required to drive change in organizations using information systems, and to help organizations to attain and sustain a competitive advantage.

Electives:

If you would like to focus your studies in information systems, you should include in your program the following elective courses, which we expect to offer over the next two academic years:

- BUSI 2710: Modelling and Implementing Business Processes¹
- BUSI 4700: Information Systems Analysis and Design (formerly BUSI 5700)
- BUSI 5720: Data Management (formerly BUSI 6700)

Also consider including the following non-business electives:

- GEOG 3260: Introduction to Geographic Information Systems (GIS)
- GEOG 4261: Advanced Methods in Geographic Information Systems (GIS)

All course descriptions are available through the [University Calendar](#).

Career options:

- Business analyst
- Consultant
- Data analyst
- IS/IT manager
- Systems analyst

Professional association:

The [Canadian Information Processing Society](#) (CIPS) is a national federation of CIPS Provincial Societies that certify information technology (IT) professionals in Canada and abroad. CIPS fosters and promotes standards, best practices and integrity for the benefit of IT professionals and the public interest. CIPS is the only professional organization in Canada that offers an IT designation that's recognized in Canada. Whether you are interested in furthering your IT education, building your IT career or looking to hire an IT professional with the right credentials and mindset, the [Information Systems Professional](#) (ISP) designation is for you!

¹ Note that this is a core course for students in the pre-2022 programs and an elective for students in the post-2022 programs.