Goodman School of Business

Business Career Development Office

Brock University

Nature of work & types of jobs:

Business Analyst

Consultant

Database Administrator

Project Manager

Telecommunications Specialist

Positions of Recent Grads:

Systems Business Analyst

Business Process Specialist

Process Analyst

Program Support Coordinator

Head of Sustainability Analytics

Business Review Specialist

Using Social Media:

LinkedIn can be an effective way to access industry professionals and build your professional network. See how here

Information Technology & Information Systems

A concentration in information systems provides you with the knowledge and skills needed to analyze business processes and identify ways to improve those processes through innovative application of information technologies. Management Information Systems examines the use, management, and impact of information technologies on businesses and consumers.

Career Options

The following are examples of career paths in information systems:

Business Process Analysis

Analysts determine and develop application solutions to maximize business processes. There are many areas of specialization, including feasibility analysis, web design, process or data modeling, change management, training, and process design.

Consulting

Consultants work with client organizations to enhance organizational performance through the application of process change and information systems. They develop and manage a wide range of projects such as optimizing the IT infrastructure and applications. Many consulting firms also offer technology outsourcing for clients.

Client Services Support

Service Support have a variety of different responsibilities such as upgrading software, replacing hardware, system set up for new employees, providing user support, performing virus scans, etc. They may work with servers, networks or storage which may require learning new operating systems or software and acquiring new certifications.

Software

Working with software includes building databases, interfaces, and applications which support business processes. MIS grads, especially those with courses in Computer Science, may start as junior programmers. Eventually, they may become a senior software developer which involves designing, taking specs and writing new software.

Project Management

Project managers manage a team of people who are engaged in systems development, maintenance and/or implementation for major applications. Entry level positions include junior project manager or a project administrator on a large project.

Courses at Brock

A concentration in Information Systems provides knowledge and hands-on experience in quantitative reasoning, system design and analysis, data management, e-business, and emerging technology issues required for employment in various industries. Upper-year courses offered at Brock include:

- IT IS 3P91-Quantitative Methods for Information Systems
- IT IS 3P98-Fundamentals of Database Design & Management
- IT IS 4P21-Data Mining Techniques & Applications
- IT IS 4P22-e-Business Applications
- IT IS 4P25-Systems Analysis & Design
- IT IS 4P26-Supply Chain Management
- IT IS 4P27-Advanced Topics in Information Systems

Courses in applied computing are also available:

- APCO 2P01-Personal Computers & Networks
- APCO 2P32-File & Database Systems
- APCO 2P89-Internet Technologies

Make sure to note any prerequisites required before registering for courses.

Clubs & Associations

Both work and volunteer experience can help you gain the necessary skills to get a job in the field of information systems.

Recommended Club(s) on Campus:

- Business Students' Association- www.brockbsa.com

Associations, Volunteer Organizations, and Other Resources:

- Canadian Information Processing Society (CIPS)- www.cips.ca
- Information Technology Association of Canada (ITAC)- www.itac.ca
- IT Careers- http://itjobs.computerworld.com/a/all-jobs/list

How We Can Help

The BCDO provides various services and hosts different events to help prepare students for the job search process. Check out our workshops or book an appointment with our office.

You are also encouraged to attend the following events, hosted by the BCDO:

1. "How To Get A Job In…" Series – meet alumni and industry professionals
2. Networking Breakfast – meet employers from different companies and find out about job opportunities

Competencies

Analytical Skills	Innovative & Creative	Problem Solving	Communication
Technological Competency	Monitor & Assess Future Trends in Technology	Conduct Systems Analysis & Design	Quantitative Competency
Results-Oriented	Ability to Improve Business Processes	Time Management	Design, Construct, & Operate Databases