

# 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.

## **A Career Possibilities**

*Some options may require further/prior education*

### **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.

### **Project Management**

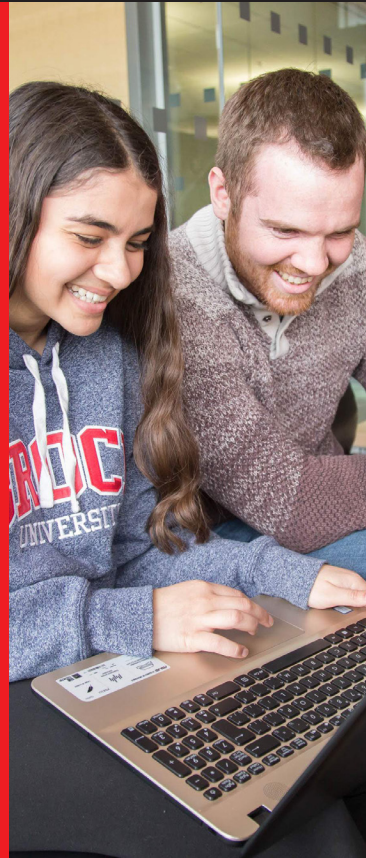
Project managers manage a team of people who are engaged in systems development, maintenance and/or implementation for major applications. Entry-level positions include junior project manager or a project administrator on a large project.

### **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 that support business processes. MIS graduates, especially those with courses in Computer Science, may start as junior programmers. Eventually, they may become a senior software developer which involves designing and writing new software.



## **Degree Specific Skills**

- Analytical Skills
- Technology Competency
- Results-Oriented
- Innovative & Creative
- Quantitative Competency
- Problem Solving
- Design/Operate Databases
- Time Management
- Communication
- Strategic Thinking

## **Brock Competencies**

*The knowledge, skills and attributes that students develop through their curricular and co-curricular experiences and reflection.*

- Act Innovatively
- Collaborate Effectively
- Practice Intercultural Fluency
- Apply Knowledge
- Communicate Effectively
- Surgite!
- Be Curious
- Engage with Your Community
- Think Critically
- Know Yourself



## Positions of Recent Grads

- Systems Business Analyst
- Business Process Specialist
- Process Analyst
- Program Support Coordinator
- Head of Sustainability Analytics
- Business Review Specialist
- Category Implementation
- Specialist
- Database Administrator
- Project Manager
- Telecommunications Specialist



## Professional Associations

**Canadian Information Processing Society (CIPS)**  
cips.ca

**Information Technology Association of Canada (ITAC)**  
itac.ca

**Computer World**  
computerworld.com

**Project Management Institute (PMI)**  
pmi.org



## Professional Designations

**Project Management Professional (PMP)®**  
The Project Management Professional (PMP)® is the most important industry-recognized certification for project managers. This certification is offered through the Project Management Institute (PMI)®. See link above.



## Student Clubs



**Goodman Data Analytics Student Association**  
goodmandasa.com



**Business Students' Association**  
goodmanbsa.com



## Using Social Media

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

Book an appointment on **CareerZone** to create or improve your profile!



## How We Can Help

The Goodman Career Education team provides various services and hosts events to help prepare students for the job search process.

- **Book an appointment** with our office
- **Goodman Portal:** [portal.bus.brocku.ca](http://portal.bus.brocku.ca)
- **Networking Events**

You are also encouraged to attend the following events, hosted by the Goodman Career Education team:

- 1. Exploring Careers in Consulting** - meet alumni and industry professionals
- 2. Exploring Careers in Small & Medium Sized Enterprises** - meet alumni and industry professionals



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