

# INFORMATION TECHNOLOGY MANAGEMENT MAJOR (B.COM.) (72 CREDITS)

**Offered by:** Management (Desautels Faculty of Management)

**Degree:** Bachelor of Commerce

**Program credit weight:** 72

## Program Description

This BCom.; Major Information Technology Management focuses on a blend of theoretical concepts, hands-on tools, and actual case studies to identify business problems and opportunities, analyze business processes, and develop and implement information systems to support them. The Program covers a variety of topics including strategic planning and investment in information technologies, analysis, design, and deployment of information systems, understanding the opportunities and challenges of web-based businesses, and managing resistance to IT-initiated changes in organization.

**Note:** For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

## Required Courses (63 credits)

### Management Core

Expand allContract all

Course	Title	Credits
MGCR 211	Introduction to Financial Accounting.	3
MGCR 222	Introduction to Organizational Behaviour.	3
MGCR 233	Data Programming for Business.	3
MGCR 250	Expressive Analysis for Management.	3
MGCR 271	Business Statistics.	3
MGCR 293	Managerial Economics.	3
MGCR 294	The Firm in the Macroeconomy.	3
MGCR 331	Information Technology Management .	3
MGCR 341	Introduction to Finance.	3
MGCR 352	Principles of Marketing.	3
MGCR 372	Operations Management.	3
MGCR 382	International Business.	3
MGCR 423	Strategic Management.	3
MGCR 460	Social Context of Business.	3

### Major

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Course	Title	Credits
INSY 331	Managing and Organizing Digital Technology.	3
INSY 333	Systems Analysis and Modeling.	3
INSY 334	Design Thinking for User Experience.	3

INSY 341	Developing Business Applications.	3
INSY 431	IT Implementation Management.	3
INSY 437	Managing Data and Databases.	3
INSY 450	Information Systems Project Management.	3

## Complementary Courses (9 credits)

3-9 credits selected from:

Expand allContract all

Course	Title	Credits
INSY 339	Digital Consulting.	3
INSY 432	Digital Business Models.	3
INSY 434	Topics in Information Systems 1.	3
INSY 440	E-Business.	3
INSY 442	Data Analysis and Visualization.	3
INSY 444		3
INSY 455	Technology and Innovation for Sustainability.	3

0-6 credits selected from:

Expand allContract all

Course	Title	Credits
INSY 336	Data Handling and Coding for Analytics.	3
INSY 446	Data Mining for Business Analytics.	3
INSY 448	Text and Social Media Analytics.	3
INSY 463	Deep Learning for Business Analytics.	3