

# MASTER IN MANAGEMENT (BUS)

Updated May 28, 2021

**Graduate Program Committee: (Chair) Michael Breward**

**DEGREES/PROGRAMS OFFERED:** Master in Management **MiM**

The Master in Management, with specialization in technology, innovation and operations is a course-based Degree with the majority of courses offered online. It will be delivered with the flexibility for a full-time (one year) and part-time (two year) option. The primary objective of the program is to provide students with in-depth training on technology, innovation, and operations management. Unlike other business related Graduate programs, that offer general business courses as part of the core curriculum, this degree is designed for those with a prior business degree (e.g. BBA or BComm) and potentially, industry experience, and offers advanced courses in dedicated and specific areas. The degree is for individuals interested in pursuing management careers where technology and innovation intersect with operations management.

The Degree harnesses recognized current and trending topics, specifically technology and innovation, relating to economic development in both Manitoba and Canada and marries these to the fast-moving discipline of supply chain and operations management. In addition, the Degree incorporates the international perspective of globalization and sustainability (e.g., corporate social responsibility and business ethics) as core underlying themes embedded throughout its programming.

The hybrid (online and face-to-face) nature of the MiM program provides students with additional skills for virtual team work and online environments. It also provides flexibility to students to access course content through asynchronous information sharing and group discussions by employing mechanisms such as video recordings, online readings and weblinks, automated assurance of learning tools (such as comprehension tests, links to additional information sources, etc.), online discussion boards, wikis, blogs and chat rooms. Synchronous group discussions can be facilitated by mechanisms like Zoom or Microsoft Teams, when needed. By using modern online approaches and techniques students will have a real sense of connectedness with the course content, the Instructor and other students. Face-to-face courses will provide the much-needed opportunity for in-person interactions and networking.

Further information on the MiM program may be found at <https://uwinnipeg.ca/masters-in-management/>

## REQUIREMENTS FOR THE MASTER IN MANAGEMENT

### ADMISSION REQUIREMENT

The general admission requirement for the MiM is a 4-year Bachelor of Business Administration or Honours Bachelor of Commerce Degree. The minimum acceptable CGPA (Cumulative Grade Point Average) is a 3.0 out of a possible 4.0, equivalent to a "B" on a letter grade scale. The Department of Business & Administration will assess degrees earned outside of Canada to determine their equivalency.

Applications with a non-business degree, a 3-year Bachelor of Business Administration, a professional designation, or extensive professional experience will also be considered. Pre-qualifying courses may be required as determined by the Department of Business & Administration.

Information on the University of Winnipeg's English Language Proficiency requirements can be found here:

<http://www.uwinnipeg.ca/future-student/international/lang-req.html>

### APPLICATION DEADLINE AND PROCEDURE

The deadline for applications is February 1st. The online application may be found at:

<https://oa.uwinnipeg.ca/OnlineAdmissions/Account/Login?ReturnUrl=%2fOnlineAdmissions%2f>

Completed application forms should be submitted to:

Graduate Studies Admissions Office  
Graduate Studies Enrolment and Budget Officer  
The University of Winnipeg  
1BC10A-515 Portage Avenue  
Winnipeg, Manitoba R3B 2E9  
phone: 204.786.9309  
fax: 204.774.4134  
email: [d.habtemariam@uwinnipeg.ca](mailto:d.habtemariam@uwinnipeg.ca)

## PROGRAM REQUIREMENTS

Students must complete a total of 30 credit hours to graduate from the program. All students must complete the 10 courses, within the three Module categories, listed below.

### Module 1

Module 1 is an intensive, in-person two week introduction to the degree held in August. The courses delivered will be:

Introduction to Technology, Innovation, and Operations Management (3 credits)  
Leadership and Organizational Behaviour in Innovative Organizations (3 credits)

### Module 2

Module 2 is the core of the program with six courses delivered in an online format. Generally students studying part time will take one course per University semester. The courses will be:

Business Strategy (3 credits)  
Project Management (3 credits)  
Strategies in Operations and Supply Chain Management (3 credits)  
Information Systems and Knowledge Management (3 credits)  
Strategic Management Accounting (3 credits)  
Innovation Management (3 credits)

### Module 3

Module 3 concludes the program and will be delivered in an intensive two-week capstone session also in August. The courses delivered will be:

Current Trends in Technology, Innovation and Operations Management (3 credits)  
Graduate Project (3 credits)

Questions regarding program requirements may be sent to: p.moreira@uwinnipeg.ca

SECOND LANGUAGE REQUIREMENT: None

EXPECTED TIME TO GRADUATE: 1 year (full-time) 2 year (par-time)

MAXIMUM TIME REQUIRED TO GRADUATE: 5 years

## Business and Administration Department Courses

### Core courses:

- **GBUS-7110** Introduction to Technology, Innovation, and Operations Management
- **GBUS-7120** Leadership and Innovation
- **GBUS-7210** Business Strategy
- **GBUS-7220** Project Management
- **GBUS-7230** Strategies in Operations and Supply Chain Management
- **GBUS-7240** Information Systems and Knowledge Management
- **GBUS-7250** Strategic Management Accounting
- **GBUS-7260** Innovation Management
- **GBUS-7310** Current Trends in Technology, Innovation and Operations Management
- **GBUS-7320** Graduate Capstone Course

## COURSE DESCRIPTIONS

### Core courses

#### **GBUS-7110 Introduction to Technology, Innovation, and Operations Management**

Through case studies, critical review of research papers, readings, student presentations and group activities, this course equips students with the core concepts of technology innovation and operations management including the foundations of technological innovation. Students are offered an in-depth understanding of how and why innovations occur in an industry, and why some innovations rise to dominate others. Also, this course introduces students to problems and analyses related to the design, planning, control, and improvement of manufacturing and service operations. It aims to help students become leaders of technology, innovation, and operations management.

PREREQUISITES: Students must be enrolled in the MiM program.

**GBUS-7120 Leadership and Innovation** Leadership and Innovation introduces students to the complexities of

managing an organization during times of change. Key to the development of a sustainable innovative organization is the ability of leaders to systematically encourage and enhance an organization's human capital to transform institutional knowledge into innovative products, services, and systems. .

In this course students are introduced to the elements and attributes of the innovation and change process and the types of leadership needed to facilitate it. Students critically analyze papers and cases and discuss key aspects of leadership in different types of organizations. Students analyze the impact and the leadership implications of developing more innovation, technological change, and operational change.

PREREQUISITES: Students must be enrolled in the MiM program.

**GBUS-7210 Business Strategy** Business Strategy introduces students to the tools used to assess strategy and the process of strategic management in organizations from

the perspective of senior management. Students are provided with a framework to diagnose and solve critical problems in organizations using cases, exercises, discussions, and simulations across all functional areas.

Although this approach emphasizes the senior management's perspective, functional specialists are also expected to understand the entire organization and how they contribute to the organization's mission and objectives. Attention will be given to the importance of technology and innovation in strategy.

**PREREQUISITES:** Students must be enrolled in the MiM, GBUS7110 and GBUS7120.

**GBUS-7220 Project Management** This course is intended to develop the knowledge and skills to effectively manage workplace projects. Students learn the value of formal processes and the roles and responsibilities of project managers. Students examine best practices in each stage of the project management cycle including needs assessment, project selection and bidding; planning, budgeting and scheduling; implementation and communication; and project evaluation. These project phases are examined in the context of ensuring strategic alignment with broader organizational goals with emphasis on fostering innovation. Students have the opportunity to use common project management tools and apply their knowledge to case studies and projects.

**PREREQUISITES:** Students must be enrolled in the MiM program, GBUS7110 and GBUS7120.

**GBUS-7230 Strategies in Operations and Supply Chain Management** This course develops a framework that allows students to advance their knowledge of the linkage between operations and supply chain of firms and their strategic positioning in the market. Students will get an appreciation for the role of business processes as determinants of the operation function, supply chain strategy and the competitive advantages of an organization. Students will develop an understanding of the concepts and tools that are fundamental to the operations function and supply chain strategies.

**PREREQUISITES:** Students must be enrolled in the MiM program, GBUS7110 and GBUS7120.

**GBUS-7240 Information Systems and Knowledge Management** The objective of this course is to develop students' analytical abilities to deal with issues relating to information systems and knowledge management within organizations. Students study the development, control, and management of both information systems and knowledge management. Regarding information systems, the emphasis is on IT governance, the strategic power and capabilities of information systems, the role and importance of business process re-engineering within the realm of information systems development, security, business continuity, and enterprise resource planning (ERP) systems. In terms of knowledge management, the course provides students with the skills necessary to strategically manage individual, group, and organizational assets.

**PREREQUISITES:** Students must be enrolled in the MiM program, GBUS7110 and GBUS7120.

**GBUS-7250 Strategic Management Accounting** This course aims to develop the students' analytical abilities to deal with problems relating to financial situations within the firm. The course deals with the role of accounting in an organization's planning and control system with an emphasis on responsibility accounting, performance evaluation, and risk management. Topics include management control and decentralization, activity-based costing and management, strategy mapping and the balanced scorecard, value chain analysis, and strategic cost management and profitability analysis.

**PREREQUISITES:** Students must be enrolled in the MiM program, GBUS7110 and GBUS7120.

**GBUS-7260 Innovation Management** This course provides students with an understanding of the key concepts of technology and innovation, their relationship with the

organizational environment, and their overall impact on management and organizations. Students get an understanding of fundamental concepts of Innovation Management, the development of the area from a historic perspective, develop awareness related to current trends and challenges related to innovation, and develop a knowledge of the typical objectives, leverage points and constraints in working with innovation. The course is based on a selection of innovation management readings and business cases.

**PREREQUISITES:** Students must be enrolled in the MiM program, GBUS7110 and GBUS7120.

**GBUS-7310 Current Trends in Technology, Innovation, and Operations Management** Given the importance of technology and innovation for firms' success in today's business environment, the purpose of this course is to equip students with an in-depth understanding of the most recent trends in practice of technological innovations. Students will be developing an awareness regarding the key role of technological innovations in managing resilient operational systems; understanding the scope of technology adoption in operations practice; comparing the most innovative technological trends adopted in practice with the recent academic development in this area and gaining a full appreciation for the synergies between three pillars of the MiM program: operations, technology, and innovation. **PREREQUISITES:** Students must be enrolled in the MiM program and have successfully completed: GBUS-7210, GBUS-7220, GBUS-7230, GBUS-7240, GBUS-7250, GBUS-7260.

**GBUS-7320 Graduate Project** This course requires students to draw upon the theoretical constructs, principles, and applications, in the courses taken within the program. Students demonstrate their accumulated knowledge, skill sets, and abilities through case analysis. Students are evaluated via a final comprehensive report and a presentation of the report to the class and a mock panel. **PREREQUISITES:** Students must be enrolled in the MiM program, all GBUS7100 level and GBUS7200 level courses