

# MANAGEMENT, M.SC.

I.H. Asper School of Business

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## M.Sc. in Management Program Information

Students admitted to the Master of Science in Management degree program will pursue a research-focused degree in one of the departments of Marketing, Finance, Actuarial Mathematics, Business Administration or Supply Chain Management. The M.Sc. program in Management is designed to produce graduates who have an academically more in-depth, rigorous training in their chosen management field than is the case for either B.Comm (Hons.) graduates or MBA graduates. In addition, the program seeks to develop strong research skills to meet the needs of employers as well as to more effectively prepare M.Sc. students for entrance into Ph.D. programs at the University of Manitoba.

## Admission Information

### Admission to the Faculty of Graduate Studies

Application and Admission Procedures are found in the Academic Guide (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/application-admission-registration-policies/>).

Admission requirements for Master's students are found in the Master's Degrees General Regulations ([https://catalog.umanitoba.ca/graduate-studies/academic-guide/masters-degrees-general-regulations/#Admission\\_FGSMasters](https://catalog.umanitoba.ca/graduate-studies/academic-guide/masters-degrees-general-regulations/#Admission_FGSMasters)) section of the Guide.

### M.Sc. in Management Admission Requirements

Applicants must possess at least a four-year honours (or equivalent) degree from a recognized university in either a) management/business with a major in the same area or a similar area to be pursued in the M.Sc. or b) a degree from another Faculty with a closely related major. Applicants must provide the following prior to admission:

- A statement of goals and interests;
- An official transcript of academic record with a minimum grade point average of 3.0 on a 4.5 scale (approximately 70% or a "B") in the last 60 credit hours;
- A score on a graduate aptitude test, preferably the GMAT, with a minimum score of 550 (GRE will be accepted with a mean percentile score across the three areas similar to the current acceptable percentile level of the GMAT);
- Three letters of recommendation two of which are from persons who know the candidate's academic ability.

## Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Management M.Sc. program of study ([https://umanitoba.ca/faculties/graduate\\_studies/management.html](https://umanitoba.ca/faculties/graduate_studies/management.html)) page.

Applicants who are Canadian citizens/Permanent Residents of Canada with transcripts from universities or colleges in countries other than Canada and the United States are strongly advised to apply at least two months prior to the standard deadlines.

## Degree Requirements

The basic program design assumes that students have completed an honours degree or its equivalent. Additional courses may be required subject to the discretion of the advisory committee if it is deemed that the candidate's preparation is not sufficient in his/her area of specialization. The student's advisory committee will make recommendations regarding deficient background, and the final program will be approved by the Graduate Research Program Committee.

All students must complete the following course requirements:

A minimum of 18 credit hours, at 7000 level or above, plus a thesis/practicum. This minimum will include:

1. at least 6 credit hours of required graduate level courses in the student's area of specialization and up to 12 credit hours of optional courses (subject to the approval of the advisory committee) - see area specific requirements below;
2. a thesis or a practicum.

### Business Administration (Industrial Relations/Human Resource Management/Management of Organizations/Organizational Behaviour) Option

Course	Title	Hours
GMGT 7440	Doctoral Seminar in Organizational Theory (Ph.D.)	3
or GMGT 7410	Doctoral Seminar in Organizational Behaviour (Ph.D.)	
Select one of the following:		3
GMGT 7540	Doctoral Seminar in Research Methods (Ph.D.)	
GMGT 7080	Research Methods	
An equivalent 3-credit hour graduate level course in quantitative methods from another Faculty		
Select four additional optional courses <sup>1</sup>		12
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> Among them, students are encouraged to take:

1. an additional research methods course (quantitative or qualitative) and either a statistics or econometrics course and
2. a philosophy of science course.

### Marketing Option

Course	Title	Hours
Select 6 credit units from the following:		6
MKT 7100	Readings in Marketing (Ph.D.)	
MKT 7110	Doctoral Seminar in Marketing (Ph.D.)	
MKT 7120	Ph.D. Seminar in Buyer Behavior (Ph.D.)	
MKT 7080	Selected Topics in Marketing	

Select 6 credit hours of approved research methods coursework at the graduate level	6
Select 6 credit hours of approved coursework relevant to the chosen area of study	6
<b>Total Hours</b>	<b>18</b>

### Supply Chain Management Option

Course	Title	Hours
OPM 7300	Topics in Advanced Production and Operations Management (Seminar in Supply Chain Management)	3
OPM 7120	Operations and Supply Chain Management (recommended) (or other graduate level course in Supply Chain Management)	3
MKT 7080	Selected Topics in Marketing (recommended) (or equivalent graduate level course)	3
Select at least three optional courses <sup>1</sup>		9
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> At least three courses relevant to the student's area of specialization at the 7000 level, from inside or outside the Asper School of Business, subject to the approval of the Curriculum Advisory Committee. Graduate level courses are recommended

### Actuarial Mathematics Option

A total of 18 credit hours plus a thesis/practicum are required.

Course	Title	Hours
<b>Required</b>		
Select two of the following:		6
ACT 7540	Advanced Topics in Actuarial Mathematics	
ACT 7300	Seminars in Actuarial Science	
ACT 7400	Longevity Risk Modeling and Management	
ACT 7600	Applied Statistical Methods in Actuarial Science	
<b>Options</b>		
Select 12 credit hours from the following:		12
ACT 7050	Readings in Quantitative Methods	
ACT 7540	Advanced Topics in Actuarial Mathematics	
ACT 7300	Seminars in Actuarial Science	
ACT 7400	Longevity Risk Modeling and Management	
ACT 7600	Applied Statistical Methods in Actuarial Science	
STAT 7310	Research Tools for Statistics	
ABIZ 7410	Agricultural Finance	
FIN 7020	Corporate Finance	
FIN 7100		
Other 7000 level courses relevant to the Actuarial Mathematics specialization (e.g. Finance, Investments, etc.) as approved by the Curriculum Advisory Committee		
<b>Total Hours</b>		<b>18</b>

### Finance Option

Course	Title	Hours
<b>Mandatory</b>		
Select two of the following:		6
FIN 7100		

FIN 7110		
FIN 7520	Finance 2: Corporate Finance (Ph.D)	
<b>Options <sup>1</sup></b>		
Select one course in Research Methods from Econometrics courses offered at the Graduate level		3
Select at least one of Microeconomics or Macroeconomics offered at the graduate level		3
Select two optional electives chosen from graduate level courses offered in Finance, Econometrics, Microeconomics or Macroeconomics		6
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> The recommended structure shown below is adjustable depending on the student's background and approval of the student's Curriculum Advisory Committee.

**Expected Time to Graduate:** 1-3 years

### Progression Chart

Course	Title	Hours
<b>Year 1</b>		
Select 6 courses (all at 7000 level or higher) <sup>1</sup>		18
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
	<b>Hours</b>	<b>18</b>
<b>Year 2</b>		
GRAD 7000	Master's Thesis	0
	<b>Hours</b>	<b>0</b>
	<b>Total Hours</b>	<b>18</b>

<sup>1</sup> See specific program requirements, by area, in the calendar.

## Registration Information

Students should familiarize themselves with the Faculty of Graduate Studies 'GRAD' courses applicable to their program (<https://catalog.umanitoba.ca/graduate-studies/registration-information/>). If you have questions about which GRAD course(s) to register in, please consult your home department/unit.

## Regulations

Students must meet the requirements as outlined in both Supplementary Regulation and BFAR documents as approved by Senate.

### Supplementary Regulations

Individual units may require specific requirements above and beyond those of the Faculty of Graduate Studies, and students should consult unit supplementary regulations (<https://umanitoba.ca/graduate-studies/supplementary-regulations/>) for these specific regulations.

### Bona Fide Academic Requirements (BFAR)

Bona Fide Academic Requirements (BFAR) (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#BFAR>) represent the core academic requirements a graduate student must acquire in order to gain, and demonstrate acquisition of, essential knowledge and skills.

All students must successfully complete:

- GRAD 7300 prior to applying to any ethics boards which are appropriate to the student's research or within the student's first year, whichever comes first; and
- GRAD 7500 within the first term of registration;

unless these courses have been completed previously, as per Mandatory Academic Integrity Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7500>) and Mandatory Research Integrity Online Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7300>).

Students must also meet additional BFAR that may be specified for their program.

## General Regulations

All students must:

- maintain a minimum degree grade point average of 3.0 with no grade below C+,
- meet the minimum and not exceed the maximum course requirements, and
- meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses).