

# MANAGEMENT, M.SC.

## 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:

- 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;
- 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:

- an additional research methods course (quantitative or qualitative) and either a statistics or econometrics course and
- 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.