# MANAGEMENT, PH.D.

I.H. Asper School of Business
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## Ph.D. in Management Program Information

The Doctor of Philosophy program in Management is designed to prepare individuals for teaching and research careers in universities, or for applied research positions in either the private or public sector.

## Admission Information

### Admission to the Faculty of Graduate and Postdoctoral 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) section of the Guide.

### Ph.D. in Management Admission Requirements

An earned Master's degree (MBA preferred), and in exceptional cases, a Bachelor's degree in a management or business discipline from a recognized institution, or a discipline sharing a common origin or a parallel discipline to the applicant's chosen area of concentration, is required.

Prior to admission, the candidate is to provide the following:

- 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 (3.5 preferred), (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 600 (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 from persons who know the candidate's academic ability;
- Evidence of research and teaching ability.

## Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Management Ph.D. program of study (https://umanitoba.ca/explore/programs-of-study/management-phd/) 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 PhD program consists of up to 30 credit hours of courses plus a thesis; 12 credit hours of core requirements (specified by each area) and up to 18 credit hours of other requirements. The Finance option requires up to 27 credit hours of other course requirements, in addition to the 12 credit hours of core requirements. In addition, two zero credit project courses are mandatory for all students. Other requirement courses may be waived based on courses completed in a previous degree (Master's level), while the core and paper requirements must be completed in the Asper PhD program.

### Marketing Core Requirements

| Course | Title | Hours |
| --- | --- | --- |
| MKT 7110 | Doctoral Seminar in Marketing (Ph.D.) | 3 |
| MKT 7120 | Ph.D. Seminar in Buyer Behavior (Ph.D.) | 3 |
| MKT 7080 | Selected Topics in Marketing | 3 |
| MKT 7100 | Readings in Marketing (Ph.D.) | 3 |
| **Total Hours** | | **12** |

### Business Administration Core Requirements

| Course | Title | Hours |
| --- | --- | --- |
| Select one of the following: | | 3 |
| GMGT 7410 | Doctoral Seminar in Organizational Behaviour (Ph.D.) | |
| GMGT 7440 | Doctoral Seminar in Organizational Theory (Ph.D.) | |
| GMGT 7530 | Selected Topics | |
| Select three of the following: | | 9 |
| GMGT 7410 | Doctoral Seminar in Organizational Behaviour (Ph.D.) | |
| GMGT 7440 | Doctoral Seminar in Organizational Theory (Ph.D.) | |
| GMGT 7530 | Selected Topics | |
| | Topics courses in the area of organizational behaviour, organizational theory, strategy, entrepreneurship, international business, industrial relations and human resource management | |
| **Total Hours** | | **12** |

### Finance Core Requirements

| Course | Title | Hours |
| --- | --- | --- |
| FIN 7700 | Financial Economics | 3 |
| FIN 7710 | Empirical Asset Pricing | 3 |
| FIN 7712 | Seminar in Corporate Finance | 3 |
| FIN 7714 | Advanced Financial Theory | 3 |
| **Total Hours** | | **12** |

### Supply Chain Management Core

| Course | Title | Hours |
| --- | --- | --- |
| Four 3 credit hour courses from the following: | | |
| SCM 7016 | Simulation Models for Operations Managemeent | 3 |

| SCM 7018 | Seminar in Production & Operations Management | 3 |
| SCM 7020 | Seminar in Supply Chain Management | 3 |
| SCM 7030 | DOC SEM IN SC SUSTAINABILITY | 3 |
| MSCI 7550 | Readings in Management Science (Ph.D.) | 3 |
| MSCI 7560 | Doctoral Seminar in Management Science (Ph.D.) | 3 |
| MSCI 7680 | Mathematical Optimization Models | 3 |
| SCM 7302 | Topics in Supply Chain Management | 3 |

## Paper Courses

| Course | Title | Hours |
| --- | --- | --- |
| PHDM 7140 | Management Research Project 1 (Ph.D) (pass/fail) | 0 |
| PHDM 7150 | Management Research Project 2 (Ph.D) (pass/fail) | 0 |
| **Total Hours** | | **0** |

## Other Requirements

| Course | Title | Hours |
| --- | --- | --- |
| PHDM 7110 | Doctoral Seminar in Management (Ph.D.) | 3 |
| Select three methods or statistics courses at 7000 level or higher [2] | | 9 |
| Select two minor/cognate courses [3] | | 6 |
| **Total Hours** | | **18** |

[1]   Finance students are exempt from this requirement.
[2]   Finance students may take up to 6 methods courses (18 credit hours).
[3]   At least one of which must be outside the Asper School - Finance students may take up to 3 minor/cognate courses (9 credit hours).

Students who do not have a previous business degree will be required to also audit at least one (but up to three) breadth courses in different disciplines inside the Asper School (but outside their core area of study).[1]

[1]   PhD students at the Asper School cannot utilise Asper MBA courses to satisfy any of the program requirements (other than breadth requirements, if needed).

**Expected Time to Graduate:** 4 - 5 years

## Progression Chart

| Course | Title | Hours |
| --- | --- | --- |
| **Year 1** | | |
| Select 6 courses (all at 7000 level or higher) [1] | | 18 |
| GRAD 7300 | Research Integrity Tutorial | 0 |
| GRAD 7500 | Academic Integrity Tutorial | 0 |
| | **Hours** | **18** |
| **Year 2** | | |
| Select 4-6 courses (all at 7000 level or higher) [1] | | 12-18 |
| PHDM 7140 | Management Research Project 1 (Ph.D) | 0 |
| PHDM 7150 | Management Research Project 2 (Ph.D) | 0 |
| | **Hours** | **12-18** |
| **Year 3** | | |
| GRAD 8010 | Doctoral Candidacy Examination | 0 |
| GRAD 8000 | Doctoral Thesis | 0 |
| | **Hours** | **0** |
| | **Total Hours** | **30-36** |

[1]   See specific program requirements, by area, in the calendar.

# Registration Information

Students should familiarize themselves with the Faculty of Graduate and Postdoctoral 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 and Postdoctoral 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 requirements (https://umanitoba.ca/graduate-studies/student-experience/core-academic-requirements/#additional-requirements-by-program) 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).