

PHARMACEUTICAL SCIENCES, M.SC.

Pharmacy

Dean: Dr. Hope Anderson

Associate Dean(s): Dr. Lavern Vercaigne (Academic), Dr. Ted Lakowski (Research)

Grad Chair: Dr. Jillian Stobart

Campus Address/General Office: Apotex Centre, 750 McDermot Avenue
Telephone: 204-474-9306

Fax: 204-789-3744

Email Address: pharmacy@umanitoba.ca

Website: umanitoba.ca/pharmacy/ (<https://umanitoba.ca/pharmacy/>)

Academic Staff: Please see the Pharmacy website (<https://umanitoba.ca/pharmacy/faculty-staff/>) for Academic staff information.

Pharmaceutical Sciences Program Information

The College offers both Master of Science and Doctor of Philosophy degrees.

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.

Pharmaceutical Sciences M.Sc. Admission Requirements

- The applicant must negotiate with faculty researchers for a traineeship position.
- The applicant must hold a four-year Bachelor of Science degree in Pharmacy or a science degree with a cumulative GPA of at least 3.0 (4.5 scale), based on the last 60 credit hours (or two full years or equivalent) of university study.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Pharmaceutical Sciences M.Sc. program of study (<https://umanitoba.ca/explore/programs-of-study/pharmacy-msc/>) page.

Degree Requirements

All programs are established on an individual basis; the following general principles apply:

- A minimum of 12 credit hours of coursework plus a thesis or practicum. The minimum must include at least 6 credit hours at the 7000 level with the balance of the coursework at the 3000 level or above. A maximum of 24 credit hours of coursework is allowed toward the thesis/practicum based Master's program.

- Students must complete PHRM 7160 in the first year of their program. Students may subsequently take PHRM 7170 as an elective to meet their credit hour requirements.
- Students registered full time in the M.Sc. program, are required to attend and participate in the Pharmacy Graduate Seminar Series, where they must present at least one research seminar annually.
- Students are expected to enroll on a 12-month basis and conduct research during the summer months.
- The College of Pharmacy offers a concentration in Pharmacoepidemiology. The course requirements include 15 credit hours in the M.Sc. program (9 CH of core and 6 CH of electives).

Expected Time to Graduate: 2 years

Progression Chart

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
GRAD 7020	Master's Re-registration	0
PHRM 7160	Pharmacy Seminar 1 MSc	3
	Hours	3
Years 1-2		
Select 9 credit hours in other courses at 7000 level (not restricted to PHRM courses)		9
	Hours	9
Year 2		
GRAD 7000	Master's Thesis	0
GRAD 7020	Master's Re-registration	0
	Hours	0
	Total Hours	12

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.

All students in the graduate program must determine their program courses with their advisor/advisory committee.

Not all courses are offered each year.

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).