

SURGERY, M.SC.

Surgery

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Academic Staff: Please refer to the Surgery website ([https://umanitoba.ca/medicine/department-surgery/faculty-staff](http://umanitoba.ca/medicine/department-surgery/faculty-staff)) for current staff listing.

Surgery Program Information

The Master of Science program is open to residents in Surgery at the University of Manitoba who are currently enrolled in a Royal College of Physicians and Surgeons of Canada (RCPSC) speciality training program through the Max Rady College of Medicine in the Rady Faculty of Health Sciences.

The RCPSC program is a postgraduate clinical speciality certification program and residents earn the designation of M.Sc. as an additional degree to their certification. Through the Thesis Stream, the Surgery program provides surgical residents a year free of clinical¹ duties to complete the required course hours.

¹ It is strongly advised that residents discuss with their Program Director the expectations of their responsibilities within their Program during the year of research.

Surgery M.Sc. Admission Requirements

This program is **only** open to holders of an M.D. degree who are currently enrolled in a postgraduate residency program in the Max Rady College of Medicine at the University of Manitoba. As residents incorporate this program as part of their residency training, concurrent curriculum registration is required.

Applicants must complete the *Application Guide & Supplemental Form* available online through the MSc website. An appointment must be made through the Department of Surgery Research & Graduate Office with the Graduate Chair to review the applicant's research proposal and all accompanying documentation for approval before admissions to the Faculty of Graduate Studies can be approved.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Surgery M.Sc. program of study ([https://umanitoba.ca/explore/surgery-msc/](http://umanitoba.ca/explore/surgery-msc/)) page.

Degree Requirements

Students must complete:

- The minimum course requirements of 12 credit hours at the 7000 level;

- Twelve months' work of research, under the direct supervision of an approved Thesis Advisor;
- Submit a major thesis on the research project;
- Defend their thesis to a Committee of Examiners, demonstrating adequate knowledge of the subject involved

Expected Time to Graduate: 2 years

Progression Chart

Course	Title	Hours
Year 1		
Required Courses		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
SURG 7012	Surgery- Major Course in Surgical Problems (Part A & Part B)	3
SURG 7030	Advanced Surgery	3
Elective Courses		
Select 6 credit hours of the following:		
SURG 7022	Surgery- Specialty Rounds in Surgical Problems (Part A & Part B)	
CHSC 7810	Biostatistics for the Health and Human Sciences	
CHSC 7820	Biostatistics for Community Health Sciences	
CHSC 7830	Advanced Biostatistics for Community Health Sciences	
Hours		12
Year 2		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		12

Notes:

- Within six months of the student's MSc program the student shall present their thesis proposal to their Advisory Committee.
- Surgery recommends one year full-time study and two years to complete and defend for graduation; preferred to be completed prior to the end of their final year of training (June 30).
- A decision to extend this time will be made by the Department of Surgery Graduate Chair on a case-by-case basis.

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 new or returning graduate students must contact the Department.

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).