



Twin Cities Campus

Surgery Ph.D. Surg.

Surgery

Medical School

Link to a [list of faculty](#) for this program.

- **Students will no longer be accepted into this program after Summer 2016. Program requirements below are for current students only.**

Contact Information:

Department of Surgery, University of Minnesota, MMC 328, 420 Delaware Street S.E., Minneapolis, MN 55455

Email: surgwww@umn.edu

Website: <http://www.surg.umn.edu>

- Program Type: Doctorate
- Requirements for this program are current for Spring 2019
- Length of program in credits: 103
- This program requires summer semesters for timely completion.
- Degree: Doctor of Philosophy in Surgery

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

*Candidates are currently in our training program and we do not accept outside applications.

The general surgery program trains medical doctors for the practice of surgery and for academic positions. See the Medical School Catalog for professional degree requirements; see below for academic degree requirements. Trainees spend two to three years in laboratory research, either in a basic science or in surgery, after which they begin their senior residency and chief residency training. The Medical School's laboratory departments offer many graduate courses closely related to surgery (see the graduate programs in biochemistry, molecular biology, and biophysics; cellular and integrative physiology; microbiology, immunology, and molecular pathobiology; and pharmacology). These fields also offer opportunities for research work. The Department of Surgery offers supervised work in its experimental research laboratories, as well as in its hospital and outpatient departments in the areas of surgical diagnosis and operative surgery and in some surgical specialties (such as colon and rectal surgery, transplantation, thoracic and cardiovascular surgery, and pediatric surgery).

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

Other requirements to be completed before admission:

Prospective students must be in the general surgery training program and have two to three clinical years of training completed.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 79
 - Internet Based - Writing Score: 21
 - Internet Based - Reading Score: 19
 - Paper Based - Total Score: 550
- IELTS
 - Total Score: 6.5
- MELAB
 - Part 1 (Composition) score: 80

Key to [test abbreviations](#)(TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.



Program Requirements

67 credits are required in the major.

12 credits are required outside the major.

24 thesis credits are required.

This program may not be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.