

# SURGICAL AND INTERVENTIONAL SCIENCES (THESIS): GLOBAL SURGERY (M.SC.) (45 CREDITS)

**Offered by:** Surgery (Faculty of Medicine and Health Sciences)

**Degree:** Master of Science

**Program credit weight:** 45

## Program Description

The M.Sc. in Surgical and Interventional Sciences; Global Surgery emphasizes health care needs specifically within the surgical field in resource-limited settings. It comprises three main pillars: research, education, and mentorship. The program involves extensive research work, the design and implementation of innovative approaches in surgical care and injury surveillance, that advance the surgical capacities in low and middle income countries. The program offers global surgical endeavours allowing professionals from partner countries and Canada to engage in a learning and knowledge transfer experience. The program provides the opportunity to engage in international research projects including injury epidemiology surveillance and assessment of surgical access through the study of databases. The thesis must be relevant to global surgery.

**Note:** For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

## Thesis Courses (30 credits)

Expand allContract all

Course	Title	Credits
EXSU 690	M.Sc. Research 1.	4
EXSU 691	M.Sc. Research 2.	4
EXSU 692	M.Sc. Research 3.	4
EXSU 693	M.Sc. Thesis.	18

## Required Courses (9 credits)

Expand allContract all

Course	Title	Credits
EPIB 507	Biostats for Health Sciences.	3
EPIB 521	Regression Analysis for Health Sciences.	3
EXSU 602	Knowledge Management 2.	3

## Complementary Courses (6 credits)

6 credits, taken from 500-, 600-, or 700-level courses in consultation with the Research Advisory Committee.

Depending on their individual background, students may be asked by their Research Advisory Committee to take additional courses.