

# EXPERIMENTAL MEDICINE (THESIS) (M.SC.) (45 CREDITS)

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

**Degree:** Master of Science

**Program credit weight:** 45

## Program Description

The overall objective of this program is to train students in the in-depth analysis of fundamental, translational and/or clinical research.

Students perform studies at diverse levels, from molecular, cellular, and tissue to whole animal, human, and population in order to elucidate mechanisms behind human diseases, leading to drug discovery. Students are trained to perform research in both academic and industrial settings.

**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 (36 credits)

Expand allContract all

Course	Title	Credits
EXMD 690	Master's Thesis Research 1.	3
EXMD 692	Master's Thesis Research 3.	9
EXMD 693	Master's Thesis Research 4.	12
EXMD 694	Master's Thesis Research 5.	12

## Complementary Courses (9 credits)

9 credits at the 500 level or higher.

Course choices should be made in consultation with research supervisor(s). Courses may be taken outside the department at the 500 level or higher in medical and allied sciences .

<sup>1</sup> Note that some seminar, current topics and readings, and conference courses may not count towards your degree. Thus, students must obtain prior approval from the Division's Student Affairs Coordinator for courses at the 500 level or higher from other Allied Health Sciences departments.