

REGENERATIVE MEDICINE (GR. CERT.) (15 CREDITS)

Offered by: Medicine (Faculty of Medicine and Health Sciences)
Degree: C-RMED
Program credit weight: 15

Program Description

The Graduate Certificate in Regenerative Medicine focuses on biology of stem cells, their uses in diagnostic and therapeutic applications, the practicalities of generating them, and using and modifying them for clinical translation. Exploration of the combination of stem cell-based model systems for drug discovery and disease modelling as well as the ethical implications of their use.

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.

Required Courses (9 credits)

Expand allContract all

Course	Title	Credits
FMED 525	Foundations of Translational Science.	3
HGEN 675	Stem Cell Biology.	3
PHAR 508	Drug Discovery and Development 3.	3

Complementary Courses (6 credits)

Expand allContract all

Course	Title	Credits
CHEE 512	Stem Cell Bioprocess Engineering.	3
EXMD 501	Clinical Applications of Regenerative Medicine.	3
EXMD 505	Directed Readings in Regenerative Medicine .	3
HGEN 660	Genetics and Bioethics.	3