

HUMAN GENETICS (THESIS) (M.SC.) (45 CREDITS)

Note: The Graduate Advisory Committee may stipulate additional coursework at the 500, 600, or 700 level depending on the background of the candidate.

Offered by: Human Genetics (Faculty of Medicine & Health Sciences)
Degree: Master of Science
Program credit weight: 45

Program Description

The M.Sc. in Human Genetics is a research-intensive program that focuses on genetics and biomedical research, involving research methodology, conducting an original research project for intended scientific publication, data analysis, and writing a thesis.

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 (33 credits)

Expand allContract all

Course	Title	Credits
HGEN 680	M.Sc. Thesis Research 1.	9
HGEN 681	M.Sc. Thesis Research 2.	12
HGEN 682	M.Sc. Thesis Research 3.	12

Required Courses (6 credits)

Expand allContract all

Course	Title	Credits
HGEN 662	Laboratory Research Techniques.	3
HGEN 692	Human Genetics.	3

Complementary Courses (6 credits)

6 credits chosen from the departmental offerings below or from 500-, 600-, or 700-level courses offered in the Faculties of Medicine or Science:

Expand allContract all

Course	Title	Credits
HGEN 660	Genetics and Bioethics.	3
HGEN 661	Population Genetics.	3
HGEN 663	Beyond the Human Genome.	3
HGEN 670	Advances in Human Genetics 1.	3
HGEN 693	Using Bioinformatics Resources.	3
HGEN 696	Advanced Readings in Genetics 1.	3
HGEN 697	Advanced Readings in Genetics 2.	3
HGEN 698	Advanced Readings in Genetics 3.	3
HGEN 699	Advanced Readings in Genetics 4.	3