

GENETIC COUNSELLING, M.SC.

- Participate in Pan-Can Genetic Counselling Rounds
- Participate in Genetic Academic Session:
 - a. Present at One Genetic Academic Session per Year
 - b. Lead One Journal Club Per Year

Degree Requirements

Students must submit an acceptable thesis and pass an oral thesis examination, all clinical rotations, ancillary experiences and 30 credit hours of coursework.

Expected Time to Graduate: 2 years

Progression Chart

| Course | Title | Hours |
|--|---|-----------|
| Year 1 | | |
| GRAD 7300 | Research Integrity Tutorial | 0 |
| GRAD 7500 | Academic Integrity Tutorial | 0 |
| BGEN 7000 | Research Seminar M.Sc. ¹ | 1 |
| BGEN 7090 | Principles and Practice of Human Genetics | 3 |
| BGEN 7130 | Genetic Epidemiology of Human Populations | 3 |
| BGEN 7142 | Clinical Genetics 1 | 3 |
| BGEN 7144 | Clinical Genetics 2 | 3 |
| Select one of the following: | | 3 |
| IMED 7410 | Biomedical Trainee Skills | |
| 3 credit hour Elective in Research Methodology | | |
| BGEN 7270 | Introduction to Genetic Counselling Clinic Rotation | 4 |
| Counselling Skills 1 (Extended Education) | | 0 |
| Counselling Elective (Extended Education) ² | | 0 |
| 5-week Clinical Rotation External to Manitoba | | |
| Hours | | 20 |
| Year 2 | | |
| GRAD 7000 | Master's Thesis | 0 |
| BGEN 7000 | Research Seminar M.Sc. ¹ | 1 |
| BGEN 7280 | Advanced Genetic Counselling Clinic Rotation | 4 |
| BGEN 7160 | Theory and Practice of Genetic Counselling | 3 |
| BGEN 7040 | Seminars in Human Genetics | 3 |
| Hours | | 11 |
| Total Hours | | 31 |

¹ BGEN 7000 is one credit hour over the course of the program.

² The elective course will be selected from Counselling Skills II (COUNS 0200), Working with Families (COUNS 0240) or Counselling Theories (COUNS 0202) selected in consultation with the program director based on past experience and training (as documented). For course descriptions please visit <https://umextended.ca/>

Ancillary Requirements

- Course on Research Ethics (CORE)
- Personal Health Information (PHIA) session
- Attend one Patient Support Group Meeting
- Complete one Community Outreach presentation
- Participate in Molecular Diagnostic Out of Centre Meeting