MATHEMATICS, M.SC.

Degree Requirements

Thesis Route: Students are required to complete at least 15 credit hours of course work, of which at least 9 credit hours must be from courses designated MATH 7000 or above and at least 6 credit hours in an area of mathematical sciences clearly different from the area of specialization of the thesis (as approved by the Department Head or designate). Each student in the thesis-based M.Sc. program must write a thesis.

Coursework Route: Students are required to complete at least 24 credit hours of course work at the 3000/7000/8000 level. At most 6 credit hours can be at the 3000 level. 4000 level courses do not count toward the degree requirement. Courses outside the Department of Mathematics (at most 9 credit hours) are also possible, subject to approval by the Department Head or designate. At least 6 credit hours must be in an area of mathematical sciences clearly different from the area of specialization of the report (see below). The minimum GPA of all courses must be at least 3.25.

Certain programs of study within mathematics may require courses outside the Department of Mathematics. A student may take at most two 3 credit hour reading courses from any one instructor for credit in this degree program.

Every M.Sc. student must make at least one presentation in a venue approved by the department; possible venues may include approved Department seminar series, external seminars, or conferences. Presentations given to fulfill course requirements, or other program requirements, are not eligible for this requirement.

Expected Time to Graduate: 2 years

Progression Chart

THESIS PROGRAM

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
MATH 7XXX	Courses designated MATH 7000 or above	9
Select two courses in an area of mathematical sciences		6
	Hours	**15**
Year 2		
GRAD 7000	Master's Thesis [1,2]	0
	Hours	**0**
	Total Hours	**15**

[1] Students must demonstrate their mastery of the field and that they are fully conversant with the relevant literature through their thesis/practicum.

[2] The M.Sc. thesis proposal must include a literature review, description of the proposed work, and a schedule for completion. The proposal should normally be completed within 10 months following the start of the program and must be approved by the student's advisor.

Coursework Program

Course	Title	Hours
Years 1-2		
GRAD 7500	Academic Integrity Tutorial	0
GRAD 7300	Research Integrity Tutorial	0
MATH XXXX	Courses designated MATH 3000/4000/7000 or above [1]	12
Select two courses in the area of mathematical sciences		6
MATH 8996 or MATH 8998	MSc project 1 (A project, or work done in industry, together with a report OR report on teaching an undergraduate course.) or MSc project 2	6
	Hours	**24**
	Total Hours	**24**

[1] At most 6 credit hours can be at the 3000 level. 4000 level courses do not count toward the degree requirement. Courses outside the Department of Mathematics (at most 9 credit hours) are also possible, subject to approval.

Notes:

- Certain programs of study within mathematics may require courses outside the Department of Mathematics.
- A student may take at most two 3 credit hour reading courses from any one instructor for credit in this degree program.