

Ryerson University
MSc Applied Mathematics
Program Of Study

Please check if this is a REVISION

Student Name

Student ID

The Program of Study establishes the student's plan of courses and research which the student will follow in completing the master's degree. It is the starting point for the student's record and this form sets out the student's projected plan of study for program completion. Please note: THIS IS NOT A COURSE REGISTRATION REQUEST FORM. The Program of Study form is due by October 31st, during the student's FIRST term of Registration and may be revised as needed.

Instructions (Please print legibly):

- 1- Student makes an appointment with the Graduate Program Director prior to October 31st of the First term of registration or as soon as a change to the original Program of Study is made.
 - 2 - Student prints this form and brings it to the meeting with the Director. If this is a revision, you must also bring the original.
 - 3- Student fills out Study Objectives and Research Focus or Interests
 - 4- Student and Director fill out the sections Term and Year to be Taken.
 - 5- Both parties sign acknowledging that they have completed the form and that this will be the student's plan of study for the remainder of the students academic career at Ryerson in the MSc in Applied Mathematics program.
 - 6- Director will make a copy for the student and give the original to the Graduate Program Administrator for student's file in the Program Office
- * If student is changing their Program Option later on during their academic year, a revised Program of Study form must be submitted.

Study Objectives in the Program: Briefly Identify what you hope to gain from this program, and any career or future study plans you may have after completing this program. (Attach a separate sheet if required)

Identify Research Focus or Interests: Briefly identify your Research Focus or Interests. (Attach a separate sheet if required)

Program Options: Please select the Program Option of your choice

Thesis Option: Students are required to complete five credit courses, with at most one of them being a directed studies course. Students must also complete the Seminar, and a research thesis.

MRP Option:

Students are required to complete nine credit courses, with at most one of them being a directed studies course. Students must also complete the Seminar, and a Major Research Paper.

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Plan of Study: Please indicate the term and year that you expect to take the courses.
ie Fall 2012, Winter 2014 , Spring/Summer 2016 etc

MSC in Applied Mathematics Curriculum

Common REQUIRED Courses			
Course Code	Course Name	Credits	Term and Year to be taken
AM8000	Master's Seminar	Pass/Fail	To be taken 4 times Fall and Winter of BOTH Academic Years
AM8101	Principles and Techniques in Applied Mathematics Part I	1	
AM8102	Principles and Techniques in Applied Mathematics Part II	1	
FOUNDATION COURSES (Minimum 1 Required, the other Foundation course can be used as an Elective)			
AM8001	Analysis and Probability	1	
AM8002	Discrete Mathematics and its Applications	1	
ELECTIVE COURSES: Requirements differ depending on Program Option			
THESIS OPTION: Minimum of TWO (2) credits from Elective list, remaining Foundation course or other Approved Graduate Courses*			
MRP OPTION: Minimum of SIX (6) credits from Elective list, remaining Foundation course or other Approved Graduate Courses*			
AM8201	Financial Mathematics	1	
AM8202	Digital Signals and Wavelets	1	
AM8203	Topics in Functional Analysis	1	
AM8204	Topics in Discrete Mathematics	1	
AM8205	Applied Statistical Methods	1	
AM8206	Partial Differential Equations	1	
AM8207	Topics in Biomathematics	1	
AM8208	Topics in Mathematics	1	
AM8209**	Directed Studies in Math	1	
OTHER *			
		1	

* Other "Approved Graduate Courses" refers to suitable graduate courses at Ryerson or other Ontario Universities, requiring approval from Graduate Program Director prior to registering.

** Students may only take at most ONE Directed Studies course during their academic career.

EXPECTED COMPLETION DATE (please indicate the Expected Completion date for all requirements in the MSc program)

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It is the Student's Responsibility to submit a revised Program of Study form as soon as a change of the above is made.

Student Signature:

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Date

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Graduate Program Director's
signature

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Date

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Original Program Copy

Student Copy

- REVISION
 Thesis Option
 MRP Option

Ryerson University
MSc Applied Mathematics
Program of Study - REVISIONS PAGE

Only use Revisions page if you are making changes to your original Program of Study, otherwise leave blank

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MSC in Applied Mathematics Curriculum

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AM8201	Financial Mathematics	1	
AM8202	Digital Signals and Wavelets	1	
AM8203	Topics in Functional Analysis	1	
AM8204	Topics in Discrete Mathematics	1	
AM8205	Applied Statistical Methods	1	
AM8206	Partial Differential Equations	1	
AM8207	Topics in Biomathematics	1	
AM8208	Topics in Mathematics	1	
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I have reviewed and approve the above changes to the Program of Study

Student Signature: **Date**

Graduate Program Director's signature **Date**

- Original Program Copy Student Copy