



Program/Major or Minor/Concentration Revision Form

(2013)

1.0 Degree Title

Specify the two degrees for concurrent degree programs

Doctor of Philosophy (Ph.D.); Mathematics & Statistics

1.1 Major (Legacy= Subject) (30-char. max.)

Mathematics & Statistics

1.2 Concentration (Legacy = Concentration/Option)

If applicable (30 char. max.)

1.3 Minor (with Concentration, if applicable) (30 char. max.)

1.4 Category

- | | |
|--|---|
| <input type="checkbox"/> Faculty Program (FP) | <input type="checkbox"/> Honours (HON) |
| <input type="checkbox"/> Major | <input type="checkbox"/> Joint Honours |
| <input type="checkbox"/> Joint Major | <input type="checkbox"/> Component (HC) |
| <input type="checkbox"/> Major Concentration (CON) | <input type="checkbox"/> Internship/Co-op |
| <input type="checkbox"/> Minor | <input checked="" type="checkbox"/> Thesis (T) |
| <input type="checkbox"/> Minor Concentration (CON) | <input type="checkbox"/> Non-Thesis (N) |
| | <input type="checkbox"/> Other |

Please specify

1.5 Complete Program Title

Doctor of Philosophy (Ph.D.); Mathematics and Statistics

2.0 Administering Faculty/Unit

Graduate and Postdoctoral Studies/ Mathematics & Statistics

Offering Faculty/Department

Science/ Mathematics & Statistics

3.0 Effective Term of revision or retirement

Please give reasons in 5.0 "Rationale" in the case of retirement

(Ex. Sept. 2004 = 200409)

☐ Retirement

Term: **201409**

4.0 Existing Credit Weight

0

Proposed Credit Weight

0

5.0 Rationale for revised program

Many students entering the Ph.D. program already have a Master's degree, and are exempted from a number of the required credits. The proposed changes will simply formalize what is already the case in practice, thereby reducing administrative work.

For students without a Master's degree or without the appropriate background, the department can always add additional requirements at the time of admission. Therefore, the change to the program will yield benefits without damaging the integrity of the Ph.D. program.

6.0 Revised Program Description (Maximum 150 words)

7.0 List of existing program and proposed program

Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Doctor of Philosophy (Ph.D.); Mathematics and Statistics

Program Requirements

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Courses

MATH 700 Ph.D. Preliminary Examination Part A (0)
MATH 701 Ph.D. Preliminary Examination Part B (0)

Complementary Courses

Twelve approved graduate courses, at the 500, 600, or 700 level, of 3 or more credits each.

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

Doctor of Philosophy (Ph.D.); Mathematics and Statistics

Program Requirements

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Courses

MATH 700 Ph.D. Preliminary Examination Part A (0)
MATH 701 Ph.D. Preliminary Examination Part B (0)

Complementary Courses

At least six approved graduate courses for a total of 21 credits or more, with at least two courses at the 600-level or above.

8.0 Consultation with
Related Units

☐ Yes ☐ No

Financial Consult

☐ Yes ☐ No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	<input type="text"/>	<input type="text"/>	<input type="text"/>
Curric/Acad Committee	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 3	<input type="text"/>	<input type="text"/>	<input type="text"/>
CGPS	<input type="text"/>	<input type="text"/>	<input type="text"/>
SCTP	<input type="text"/>	<input type="text"/>	<input type="text"/>
APC	<input type="text"/>	<input type="text"/>	<input type="text"/>
Senate	<input type="text"/>	<input type="text"/>	<input type="text"/>

Submitted by

Name

Spencer Keys-Schatia

To be completed by ARR:

Phone

CIP Code

Email

grad.mathstat@mcgill.ca

Submission Date

10. FQRSC (Research) Indicator (for GPS): Yes No