Program Approval Form

GEORGE MASON UNIVERSITY

For approval of new programs and deletions or modifications to an existing program.

Action Requested:

- [ ] Create New (SCHEV approval required except for minors)
- [ ] Inactivate Existing
- [X] Modify Existing (check all that apply)
  - [ ] Title (SCHEV approval required except for minors)
  - [ ] Concentration (Choose one): [ ] Add [ ] Delete [ ] Modify
  - [X] Degree Requirements
  - [ ] Admission Standards/ Application Requirements
  - [ ] Other Changes: _____

Type (Check one):

- [ ] B.A.   [ ] B.S.   [ ] Minor
- [ ] M.A.   [ ] M.S.   [ ] M.Ed.
- [X] Ph.D.
- [ ] Undergraduate Certificate*
- [ ] Graduate Certificate*
- [ ] Other: _____

College/School: College of Science	**Department:** Mathematical Sciences
Submitted by: Rebecca Goldin	**Ext:** 3-1480 **Email:** rgoldin@gmu.edu

Effective Term: Fall 2015

Please note: For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog.

Justification: (attach separate document if necessary)

Students need to have performed reasonably well in their core courses in order to proceed with the program. The department would like students to receive B or better in four core courses. The core courses are already required.

	Existing	New/Modified
Program Title: (Required) Title must identify subject matter. Do not include name of college/school/dept. **Concentration(s):**	Mathematics, PhD	Mathematics, PhD
Admissions Standards / Application Requirements: (Required only if different from those listed in the University Catalog)		
Degree Requirements: Consult University Catalog for models, attach separate document if necessary using track changes for modifications	Core Courses (12 credits) · MATH 675 - Linear Analysis Credits: 3 · Plus any three of the following: · MATH 621 - Algebra I Credits: 3 · MATH 631 - Topology I: Topology of Metric Spaces Credits: 3 · MATH 677 - Ordinary Differential Equations Credits: 3 · MATH 685 - Numerical Methods Credits: 3	Core Courses (12 credits) · MATH 675 - Linear Analysis Credits: 3 · Plus any three of the following: · MATH 621 - Algebra I Credits: 3 · MATH 631 - Topology I: Topology of Metric Spaces Credits: 3 · MATH 677 - Ordinary Differential Equations Credits: 3 · MATH 685 - Numerical Methods Credits: 3 Students must earn a B or better in each core course that counts toward the core requirement.
Courses offered via distance: (if applicable)		
TOTAL CREDITS REQUIRED:		

*For Certificates Only: Indicate whether students are able to pursue on a [ ] **Full-time basis** [ ] **Part-time basis**

Approval Signatures

Department Date	College/School Date	Provost's Office Date
signature 4/12/15		*Required for Minors and Interdisciplinary Programs*

If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

For Graduate Programs Only

Graduate Council Member	Provost Office	Graduate Council Approval Date

For Registrar Office's Use Only: Received_____ Banner_____ Catalog_____ *revised 6/7/12*

Program Proposal Submitted to the College of Science Curriculum Committee (COSCC)

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference. Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

FOR ALL PROGRAMS (required)
Program Title:
Mathematics, PhD
Date of Departmental Approval:

FOR INACTIVATED PROGRAMS (required if inactivating a program)
- Reason for Inactivation:

FOR MODIFIED PROGRAMS (required if modifying a program)
- Summary of the Modification:

Add the requirement:
Students must earn a B or better in each core course that counts toward the core requirement.

- Text before Modification (title, degree requirements, etc.):

Core Courses (12 credits)

- MATH 675 - Linear Analysis Credits: 3

- Plus any three of the following:

- MATH 621 - Algebra I Credits: 3

- MATH 631 - Topology I: Topology of Metric Spaces Credits: 3

- MATH 677 - Ordinary Differential Equations Credits: 3

- MATH 685 - Numerical Methods Credits: 3
    - Text after Modification (title, degree requirements, etc.):
    Core Courses (12 credits)

    - MATH 675 - Linear Analysis Credits: 3

    - Plus any three of the following:

    - MATH 621 - Algebra I Credits: 3

    - MATH 631 - Topology I: Topology of Metric Spaces Credits: 3

MATH 677 - Ordinary Differential Equations Credits: 3

MATH 685 - Numerical Methods Credits: 3

Students must earn a B or better in each core course that counts toward the core requirement.
- Reason for the Modification:

The department feels that a B or better in core courses should be required for PhD students to complete the program successfully.

FOR NEW PROGRAMS (required if creating a new program)
- Reason for the New Program:

- Relationship to Existing Programs:

- Relationship to Existing Courses:

- Semester of Initial Offering:

- Insert Tentative SCHEV Proposal Below