

# PROGRAM OF STUDIES

## PhD Degree (Option II — Non-Traditional Mathematical Sciences for College Teachers Option)

Directions: Complete in consultation with your advisor. Update during the year as needed. If you change advisors, please have *both* advisors sign this form.

NAME: \_\_\_\_\_ ADVISOR: \_\_\_\_\_

EMPHASIS (circle one or more): Algebra Analysis Applied Math Comb. & Optim. Math Educ. Statistics Comp. Sci.

When did you start graduate studies at UM? \_\_\_\_\_ How long have you been in the Ph.D. program? \_\_\_\_ Semester(s).

List *all* courses you are planning to take *this academic* year including seminars, independent study, courses outside the department, etc. (List credits, course numbers, and semester; for example (3) MA 555/F06 or (4) MA 452/S07.)

Fall: ( ) MA \_\_\_\_ ( ) MA \_\_\_\_ ( ) \_\_\_\_ Spring: ( ) MA \_\_\_\_ ( ) MA \_\_\_\_ ( ) \_\_\_\_  
( ) MA \_\_\_\_ ( ) MA \_\_\_\_ ( ) \_\_\_\_ ( ) MA \_\_\_\_ ( ) MA \_\_\_\_ ( ) \_\_\_\_

COURSES you have taken or plan to take at UM or approved transfer courses. (List credits, course numbers, and semester; for example (3) MA 555/F04 or (4) MA 452/S05 or MA 581/T.)

MA 600: Colloquium (1 cr.)/semester taken: \_\_\_\_\_

Three advisor-approved courses (at least 3-cr. each) in each of 3 fields:

Algebra:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Analysis:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Applied Math:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Comb. & Optim.:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Computer Science:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Statistics:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Topology:	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____
Other: _____	( ) MA ____/____	( ) MA ____/____	( ) MA ____/____

Two advisor-approved courses in a 4th area:

FIELD \_\_\_\_\_ ( ) \_\_\_\_/\_\_\_\_ ( ) \_\_\_\_/\_\_\_\_

Other advisor-approved courses:

( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_  
( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_  
( ) MA \_\_\_\_/\_\_\_\_ ( ) MA \_\_\_\_/\_\_\_\_ ( ) \_\_\_\_/\_\_\_\_ ( ) \_\_\_\_/\_\_\_\_ ( ) \_\_\_\_/\_\_\_\_

TOTAL CREDITS: \_\_\_\_\_ (Need 60 credits, including dissertation credits.)

PRELIMINARY EXAMS: Two areas chosen from Algebra, Analysis, Applied Math, Combinatorics & Optim., Math Education, or Statistics. (One must be Algebra or Analysis.) Fill in dates exams passed or dates you plan to take exams (first area must be passed by beginning of third semester; second area must be passed by beginning of fourth semester in the program.)

Algebra: \_\_\_\_\_ Analysis: \_\_\_\_\_ Other (list area): \_\_\_\_\_

Written COMPREHENSIVE EXAM (no later than fourth semester after passing Preliminary Exams)

Date passed or date you plan to take exam \_\_\_\_\_ Examining Committee (4 in Math including chair; 1 outside Math): \_\_\_\_\_

TEACHING INTERNSHIP (1 Semester): Credits: ( ) MA 690 Date \_\_\_\_\_ Supervisor \_\_\_\_\_  
1 Semester Prior Preparation: Credits: ( ) MA 690 Date \_\_\_\_\_ Supervisor \_\_\_\_\_

CURRENT TOPICS PROJECT: Title \_\_\_\_\_ Date \_\_\_\_\_ Supervisor \_\_\_\_\_  
Date Colloquium Talk: \_\_\_\_\_

Dissertation Advisor: \_\_\_\_\_ Dissertation Title: \_\_\_\_\_

Dissertation Committee: \_\_\_\_\_

Dissertation Credits: ( ) MA 699; semester(s) taken \_\_\_\_\_

Date of Colloquium Talk (On Dissertation): \_\_\_\_\_ Date of Oral Defense of Dissertation: \_\_\_\_\_

STUDENT'S SIGNATURE: \_\_\_\_\_ Date: \_\_\_\_\_

ADVISOR'S SIGNATURE: \_\_\_\_\_ Date: \_\_\_\_\_

GRADUATE COMMITTEE'S APPROVAL: \_\_\_\_\_ Date: \_\_\_\_\_