

# GRADUATION CHECKLIST

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

Directions: Complete this form and submit it, along with a completed Graduate School Graduation Application, to the Graduate Committee for approval. For graduation deadlines, refer to Graduate School guidelines.

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

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

EMPHASIS (circle one): Algebra Analysis Applied Math Combinatorics & Optimization Math Education Statistics Computer Science

Start date of PhD program at UM? \_\_\_\_\_ (7 year maximum)

CREDIT GUIDELINES 60 (at most 21 dissertation/research credits)  
300 level: at most 6 credits  
CS Emphasis: 30 credits in mathematics or statistics (15 of these from UM with 9 500–600 level)

COURSES FOR THE DEGREE\* (List credits and course number/semester taken, for example (3) MA 555/F04 or (4) MA 452/S05.)  
Attach list of approved transfer courses if applicable.

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 courses:

( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____
( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____
( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____
( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____	( ) MA _____

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

Dissertation or Research Credits: \_\_\_\_\_ (Maximum 21 cr.)

\* All courses listed for the degree must be completed with a grade of C or better.

Total number of credits: \_\_\_\_\_ Number of credits at 300 level: \_\_\_\_\_  
Total number of credits excluding dissertation/research: \_\_\_\_\_

PRELIMINARY EXAMS: Two areas chosen from Algebra, Analysis, Applied Mathematics, Combinatorics & Optimization, or Statistics. (One must be Algebra or Analysis.) Fill in dates exams passed.

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

Written COMPREHENSIVE EXAM Date passed: \_\_\_\_\_  
Examining Committee: \_\_\_\_\_

TEACHING INTERNSHIP (1 Semester): Course \_\_\_\_\_ Date \_\_\_\_\_ Supervisor \_\_\_\_\_  
1 Semester Prior Preparation: Course \_\_\_\_\_ Date \_\_\_\_\_ Supervisor \_\_\_\_\_

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

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

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

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: \_\_\_\_\_