

Student ID: \_\_\_\_\_  
 Student Name: \_\_\_\_\_  
 M.S. Adviser Name: \_\_\_\_\_

Catalog: Graduate Catalog 2018-2019  
 Program: Mathematics, Concentration in Teaching,  
 Minimum Credits Required: \_\_\_\_\_

## Mathematics, Concentration in Teaching, M.S.

This program is designed for teachers and aspiring teachers with an undergraduate degree in Mathematics or Mathematics Education who wish to obtain an advanced degree that will make them more qualified and marketable as mathematics teachers at the high school and junior college level. This would also be appropriate for those seeking to enroll in a doctoral program in Mathematics Education or Mathematics. The major elements of the program are (i) mathematics education courses that are specifically designed to address current needs of teachers of secondary mathematics in Georgia and (ii) advanced mathematics courses which promote a greater depth of understanding of concepts relevant to in-class teaching. The Department of Mathematics has graduate faculty with expertise in Mathematics Education and Mathematics who will lead the students in these areas.

### Degree Requirements

A candidate for the M.S. Degree with Concentration in Teaching must complete a minimum of 30 semester hours of graduate work approved by the department graduate committee. These include:

- Required Courses (9 semester hours)
- Electives (21 semester hours)

### Required Courses

Course Name	Credit Hours Low	Term Taken	Grade	Gen Ed
MATH 5653 – Problem Solving I	3			
MATH 6663 – Problem Solving II	3			
MATH 6743 – Advanced Perspectives on Secondary Mathematics	3			

**Total Required: 9 Hours**

### Electives

Course Name	Credit Hours Low	Term Taken	Grade	Gen Ed
MATH 5013 – Numerical Analysis	3			
MATH 6203 – Applied Probability	3			
MATH 6213 – Statistical Methods	3			
MATH 6233 – Geometry	3			
MATH 6473 – Combinatorial Analysis	3			
MATH 6043 – Topics in Number Theory	3			
MATH 6513 – Applied Linear Algebra	3			

**Total Electives: 21 Hours**

**Total Program: 30 Hours**

Notes: