# Master of Education (M.Ed.) Degree in Mathematics Education

## Program of Study

- **Name of Student**
- **SSN**
- **Semester Admitted**
- **Address**
- **Telephone (W)**
- **(H)**
- **GSU Email**

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>COURSE NAME</th>
<th>Semester/Yr</th>
<th>Sem Hours</th>
<th>Entrance/Continuation Exit</th>
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</thead>
<tbody>
<tr>
<td>IT 7360</td>
<td>Integrating Technology in School-based Learning Environments</td>
<td>F/SP/SU</td>
<td>3</td>
<td>A/B/C*</td>
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<tr>
<td>EDMT 7360</td>
<td>Integrating Technology in Math Instruction</td>
<td>Summer</td>
<td>3</td>
<td>A/B/C</td>
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<tr>
<td>EDMT 7560</td>
<td>Theory &amp; Pedagogy of Math Instruction</td>
<td>Fall</td>
<td>3</td>
<td>A/B/C</td>
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<tr>
<td>EDMT 8430</td>
<td>Sociocultural and Sociohistorical Issues of Mathematics Education</td>
<td>Spring</td>
<td>3</td>
<td>A/B/C</td>
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**Teaching Field**

**Content Courses Required (15 hours in MATH at the 6000 level or above)**

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**Professional Studies**

- **Req**
  - EPY 7080  The Psychology of Learning and Learners (3) | 3 | A/B/C |

- **Select**
  - EPSF 7100  Critical Pedagogy (3) | 3 | A/B/C |
  - EPSF 7110  Multicultural Education (3) | 3 | A/B/C |
  - EPSF 7120  Social and Cultural Foundations (3) | 3 | A/B/C |

- **Select**
  - EPRS 7900  Methods of Research in Education (3) | Fall | 3 | A/B/C |
  - EPRS 7910  Action Research (3) (suggested) | 3 | A/B/C |

| Minimum Credit hours for M.Ed. | Total Hours: 36 |
| LiveText e-Portfolio | |

*Entrance/Continuation/Exit depends on when student starts (i.e., A=fall semester start, B=spring semester start, C=summer semester start, see back of page for proposed Program of Study), but in all three cases EDMT 7560 and EPRS 7900/7910 are taken toward the end of the Program of Study.

**Advanced MATH courses**: With the consent of their advisor, the student selects coursework numbered 6000 or higher related to mathematics. The coursework should lead to the development of an understanding of the history, philosophy, conceptual underpinnings, and applications of mathematics.
Of the basic 36 semester hours for the Master’s degree, no more than 9 semester hours may be taken as a non-degree student. I understand that the exit requirement for this program is a LiveText e-Portfolio, demonstrating my growth as a professional through an Action Research Project.

<table>
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<tr>
<th>A – Fall Semester Start (proposed Program of Study)</th>
<th>B – Spring Semester Start (proposed Program of Study)</th>
<th>C – Summer Semester Start (proposed Program of Study)</th>
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</table>
| Fall  
EPSF 7100/7110/7120 (3)  
MATH 6000 level (3)  
Spring  
EDMT 8430 (3)  
EPY 7080 (3)  
Summer  
EDMT 7360 (3)  
IT 7360 (3)  
MATH 6000 level (3)  
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EDMT 7560 (3)  
EPRS 7900/7910 (3)  
Spring  
MATH 6000 level (3)  
MATH 6000 level (3)  
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EDMT 7360 (3)  
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MATH 6000 level (3)  |

Signature of the Student _____________________________ Date __________

Signature of the Advisor _____________________________ Date __________

Signature of the Chairperson _________________________ Date __________

Undergraduate degree: ____________________________  Current certification: ____________________________

*Recommended MATH courses (see Graduate Catalogue for course description [http://www.gsu.edu/es/catalogs_courses.html](http://www.gsu.edu/es/catalogs_courses.html):

- MATH 6250 Complex Analysis
- MATH 6301 College Geometry
- MATH 6371 Modern Geometry
- MATH 6450 Theory of Numbers
- MATH 6547 Intro to Statistical Methods
- MATH 6548 Methods of Regression Analysis
- MATH 6610 Numerical Analysis I
- MATH 6661 Analysis I
- MATH 6662 Analysis II
- MATH 6751 Mathematical Statistics I
- MATH 7120 Fundamental Concepts of Analysis
- MATH 7300 Problem Solving with Computers
- MATH 7420 Applied Combinatorics
- MATH 7800 Topics in Secondary Mathematics
- MATH 7820 Historical/Cultural Mathematics I
- MATH 7821 Historical/Cultural Mathematics II
- MATH 7840 Mathematical Models

* Course recommendations are based on the understanding that student holds a T-4 Clearly Renewable Georgia Educator Certificate, Mathematics (6–12), i.e., the student has completed (at a minimum) the calculus sequence and a course in computer science or discrete mathematics, linear algebra, modern/abstract algebra, probability and statistics, and college geometry at the undergraduate level.