Search for Degrees – Results

Master of Education - Mathematics Education
(Georgia State University)

Institutional and Program Accreditation

Program accreditation: NCATE

Georgia State University (http%3A%2F%2Fwww.gsu.edu) is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) (http://www.sacs.org/).

General Information

<table>
<thead>
<tr>
<th>Servicemembers Opportunity College (SOC):</th>
<th>NA [more information (<a href="http://www.soc.aascu.org/">http://www.soc.aascu.org/</a>)]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program / Degree Level:</td>
<td>Graduate, Master’s</td>
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<tr>
<td>Subject Area:</td>
<td>Education</td>
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<tr>
<td>Program Website:</td>
<td>http%3A%2F%2Feducation.gsu.edu%2Fmain%2Fonline_ed.htm (http%3A%2F%2Feducation.gsu.edu%2Fmain%2Fonline_ed.htm)</td>
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<tr>
<td>Enrollment Capacity:</td>
<td>100</td>
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Full Description

The online program in M.Ed. major in Mathematics Education is offered through the Georgia ONmyLINE (GOML) system. GOML provides access to a full array of online and distance
education offerings from the 31 colleges and universities in the University System of Georgia.

To find out more about GOML, please go to education.gsu.edu/main/Distance_Learning.htm. Students can apply to a Georgia State University GOML program at education.gsu.edu/main/4427.htm.

The M.Ed. major in Mathematics Education Online Program is a parallel program to the traditional Master of Education Mathematics that has been offered at Georgia State University as a major since Fall 1982. This entirely online program is designed to be completed in four semesters. The M.Ed. major in Mathematics Education seeks to advance early and mid-career mathematics teachers' ability to effectively implement standards-based instructional practices. The program's chief goal - to strengthen secondary students' mathematical understandings - is achieved, in part, by providing mathematics teachers with opportunities to deepen their understandings of learners from diverse backgrounds and to explore issues of equity in mathematics classrooms. The program prepares teachers to conduct action research in the context of their own classrooms in order to inform instruction, and to share the knowledge gained in a professional community of teachers. Through engaging teachers in advanced mathematics coursework, the program strengthens teachers' mathematical content knowledge. In general the program of study is framed by the Extended Georgia Framework for Teaching, the principles and standards of the National Council of Teachers of Mathematics and the core propositions of the National Board for Professional Teaching Standards.

The online program is 36 hours (9 hours of college core courses; 9 hours mathematics education, 15 hours Mathematics, 3 hours of teachers and technology). The M.Ed. online program will be available to teachers holding a clear and renewable T4 certificate in Math.

**Program Degree Requirements**

**Master of Education in Mathematics Education Online Program**

A. Professional Studies (9) • Required (9):

- EPRS 7900 Methods of Research in Education (3)
- EPSF 7120 Social and Cultural Foundations of Education (3)
- EPY 7080 The Psychology of Learning and Learners (3)

B. Teaching Field/Major (27) • Required (12):

- EDMT 7360 Integration of Technology in Mathematics Instruction (3)
- EDMT 7560 Theory and Pedagogy of Mathematics Instruction (3) Take with EPRS 7900
- EDMT 8430 Sociocultural and Sociohistorical Issues of Mathematics Education (3)
- IT 7360 Integrating Technology in School-Based Learning Environments (3)
Select 5 courses (15 hours):

- MATH 6301 College Geometry (3)
- MATH 6435 Linear Algebra (3)
- MATH 6547 Introduction to Mathematical Statistics (3)
- MATH 7820 Historical and Cultural Development of Mathematics I (3)
- MATH 7821 Historical and Cultural Development of Mathematics II (3)

With the consent of their adviser, students can select other coursework with the MATH prefix 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.

Program total: minimum of 36 semester hours

Delivery Format

The program is delivered primarily through Internet

Campus Attendance Requirements

No campus visits. All coursework and assignments conducted online.

Prerequisites

Program participants are required to have at least initial certification to teach mathematics at the secondary level. In the state of Georgia this is a T4 certificate. Online program orientation is available.

Application Information

<table>
<thead>
<tr>
<th>Term</th>
<th>Application Deadline</th>
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<tbody>
<tr>
<td>Fall</td>
<td>Aug 01 2014</td>
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<tr>
<td>Spring</td>
<td>Dec 01 2014</td>
</tr>
<tr>
<td>Summer</td>
<td></td>
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</tbody>
</table>
Financial Aid: For information about cost and financial aid deadlines, please see the Cost & Financial Aid information for the program.

Special Requirements

Program participants are required to have at least initial certification to teach mathematics at the secondary level. In the state of Georgia this is a T4 certificate. In addition to completing all coursework the successful student will complete an e-Portfolio. The e-Portfolio is maintained in LiveText and all students are required to purchase a LiveText keycode.

LIVE-TEXT INSTRUCTIONS

1. Purchase a keycode from the Department of Middle and Secondary Education. Use this form to purchase the keycode.

2. Go to http://www.college.livetext.com/

3. Register your account using the LiveText keycode you purchased. [Select school - Georgia State University-College of Education]

4. Once you are registered and logged in, you will see a tab labeled MY DESK. If you ever get "lost," you can return to the document by clicking this tab.

5. Click on CREATE. 1) Choose a folder [choose MSE Language, Literacy & Social Studies]; 2) Choose a template; 3) In the box for "Title", write your name and the name of your program; 4) Click on "CREATE DOCUMENT", this will take you to the document.

6. Various "pages" for the portfolio will be listed on the left-hand side of the screen. Clicking on the title page will take you to that page.

7. You will notice that each page is composed of one or more sections. To add text to a section, click on "Edit" (NOT "Edit page"). You can replace the existing text with the text for your narratives. (Note: When pasting from another source, use the PLAIN TEXT feature on the menu bar. Failure to do this may result in difficulties with editing.)

8. Artifacts may be added as IMAGES or ATTACHMENTS. Only one image may be added for each section, but you can add multiple attachments. Both IMAGES and ATTACHMENTS are created in much the same way as in email programs.
9. To send your portfolio, locate SUBMIT FOR REVIEW in the bar at top of page. Click on this and you will see a pop-up box. Type a few letters of the last name of a person to whom you wish to send your portfolio. If more than one name pops up, select the correct one and then ENTER. You may add as many names as you wish in this way. When you are finished, hit SUBMIT. (You will not get a confirmation that the document has been submitted.) Click on the small X in upper right-hand corner to close the window. You have now given access to your portfolio to the recipients you selected. They will have continuous access until you delete their names from your list.

10. When your document has been reviewed, go to the sidebar and click on REVIEWS. Find your document and open it. You can see the reviews for each section. To see your assessment, click on VIEW ASSESSMENT at the top of the page.

Technical Requirements:
- High Speed Internet
- Computer with current operating system & Windows or Mac
- Headphones
- Microphone
- Digital camera

Technical Requirements
- Other
- Computer with current operating system (Windows or Mac). Additional peripherals; Headphones, printer may be required.
- High Speed Internet Access