



The University of Georgia

Griffin Campus

Mathematics Education Graduate Degree Programs

The University of Georgia Department of Mathematics and Science Education is pleased to offer MEd and EdS degrees for practicing elementary and middle school teachers at UGA's Griffin campus. The degree programs provide discipline-focused graduate study to prepare advanced mathematics teaching specialists at the elementary and middle school levels.

- Participants will complete either the Master of Education or the Specialist in Education (major is Mathematics Education) from the University of Georgia.
- The program of study for the MEd will include 12 courses and a comprehensive examination; the program for an EdS will include 11 courses, including an applied project and a comprehensive exam.
- All courses are specially designed to focus on elementary and middle school mathematics.
- Eight content and teaching courses are coordinated as pairs to focus on major areas in the Georgia Performance Standards: number & operations, geometry and measurement, algebraic readiness, and statistics and probability.
- Four special mathematics education courses deal with psychology of learning and teaching elementary and middle school mathematics, research strategies for classroom teaching of mathematics, mentoring mathematics teaching, and mentoring internship (latter two optional for those seeking TSS endorsement).
- All courses will emphasize using manipulative materials and technology tools to support learning and teaching. All will directly connect with the elementary and middle school mathematics curriculum (NCTM Standards, GPS).

The set of courses is designed to be a coherent degree program. As such, it is not intended to provide access for individuals already pursuing other degree programs. Persons admitted will be expected to complete all of the courses to be provided; in general, it will not be possible to transfer credits from other enrollments in order to avoid completion of one or more of the courses in this program.

THIS PROGRAM IS NOT OPEN TO THOSE SEEKING INITIAL CERTIFICATION; YOU MUST ALREADY HOLD A VALID TEACHING CERTIFICATE TO ENROLL IN THIS PROGRAM.

Admission

Participation requires admission to the chosen degree program, either the Master of Education or the Specialist in Education. Applicants for the EdS program must hold an acceptable master's degree, most likely in elementary or middle school education. By Regents policy, an EdS program must coherently build upon the master's degree program. Admission to either degree program involves the following steps. Be sure to review all information provided online at <http://www.grad.uga.edu/> (see Admissions).

1. Submit a completed application to the Graduate School. This will include:
 - a. The application form (online).
 - b. The \$50 application fee.

Note: When the application asks for your degree objective, identify either the MEd or EdS. When it asks for your major, identify Mathematics Education—do not select Elementary Education or your application will go to the wrong department.

When it asks for your specialization, please enter GRIFFIN.

2. Send one official transcript from each institution of higher education where a degree was earned, except the University of Georgia, to the Graduate School and one to the Department of Mathematics and Science Education. University of Georgia transcripts are on file. Transcripts must be received in sealed envelopes from each institution where a degree was earned. The address for submitting transcripts to the Graduate School is: The University of Georgia Graduate School, 320 E. Clayton Street, Suite 400, Athens, GA 30602-4401. The address for submitting transcripts to the department is Helen Rogers, Department of Mathematics and Science Education, 105 Aderhold Hall, Athens GA 30602-7124.
3. Have official reports of GRE scores less than five years old submitted directly to the Graduate School from the testing agency. For information about registering for and taking the GRE, visit <http://www.ets.org/gre>. Admission to the MEd program requires a minimum of 400 on the verbal portion and 400 on the quantitative portion and a total score of at least 850 on these two sections. Admission to the EdS program requires minimums of 450 on the verbal and quantitative sections and a combined score of 950.
4. Submit three letters of reference directly to the department. (These can be done online.)
5. When your file is completed (has all required items), the department will decide whether or not to admit you to the program, and you will be officially notified of your admission status by the Graduate School. You must be admitted before you enroll in the first course. It is the responsibility of the student to ensure that all application materials are submitted in a timely manner. After being admitted (but before you can be cleared to register), you must submit the health forms that will be included in your acceptance packet to the University Health Center.

Program of Courses: Elementary Mathematics Education

(Middle School program has middle school counterparts of these courses.)

**denotes courses required of students enrolled in the MEd or the EdS program; all courses are 3-hour courses*

*MATH 7001 Arithmetic and Problem Solving

*MATH 7002 Geometry and Problem Solving

*MATH 7003 Algebra and Problem Solving

*STAT 6050 Probability and Statistics for Teachers

*EMAT 6410 Mathematical Learning in PreK-Grade 5

*EMAT 6200 Technology in Teaching Elementary School Mathematics

*EMAT 6420 Mathematics Methods for Early Childhood Education

*EMAT 6600 Problem Solving in Mathematics

*EMAT 6990 Research Seminar in Mathematics Education

*EMAT 7010 Teaching Mathematics in the Elementary School

EMAT 7200 Special Problems in Mathematics Education [This course is a mentoring course that prepares teachers to be certified as Teacher Support Specialists to host student teachers and mentor new teachers. It is required for MEd students and optional for EdS students.]

EMAT 7650 Applied Project in Mathematics Education [Required only for EdS students]

EMAT 7700 Internship in Mathematics Education [This is an internship that corresponds to the EMAT 7200 on mentoring for TSS certification. This is required for MEd students and optional for EdS students.]

One or two courses will be offered each semester. These courses will meet one to two nights per week. Two courses will usually be offered in the summer, generally in June. The time to complete this program is 2-3 years. MEd candidates must satisfy comprehensive examinations as set by the Mathematics Education faculty. EdS candidates must submit and defend an Applied Project report and satisfy comprehensive examinations as set. Further information and guidelines about these culminating activities will be distributed later in the program.

If you have questions about the program, contact: Dr. Andrea Knapp, akknapp@uga.edu, 770-229-3260.

For directions and other information about the UGA Griffin campus, visit <http://www.uga.edu/griffin>.