

## K-5 Mathematics Endorsement Program

### Program Coordinator

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### Program Information

The K-5 Mathematics Endorsement Program in the Department of Early Childhood and Elementary Education (ECEE) at Georgia State University (GSU) engages students in comprehensive exploration, research, and practice in elementary mathematics in today's diverse classrooms. The mission of the program is the development of highly qualified teachers who understand mathematics and are teacher-leaders in establishing learner-centered classrooms consistent with the standards of the National Council of Teachers of Mathematics and the National Association for the Education of Young Children. One year of teaching experience is required before starting the endorsement courses. To receive the endorsement, students must hold a level 4 or higher clear renewable certificate in one of the following areas: Early Childhood Education, Middle Grades - Mathematics, or Special Education General Curriculum/Early Childhood Education. Other areas of Special Education are eligible to enroll if they have a core academic content concentration in mathematics.

The K-5 Mathematics Endorsement Program include five courses: ECE 7393 *Whole Number and Operations in the Elementary Classroom*, ECE 7394 *Geometry and Measurement in the Elementary Classroom*, ECE 7395 *Rational Number and Algebra in the Elementary Classroom*, ECE 7396 *Data Analysis and Probability in the Elementary Classroom*, and ECE 7740 *Field Placement*. The four content courses are held on Thursday evenings on campus, with two courses offered during the fall semester and two courses offered during the spring semester. The field placement course, ECE 7740, requires students to teach several lessons in an elementary classroom with observation and feedback by a university instructor. This course also includes the creation and submission of a portfolio required for the endorsement. Students should use their own classrooms for this course. If a student is not teaching in an elementary classroom at the time of the field placement course, a classroom will be located for the student.

The major advisor for students in this program is Dr. Susan Swars Auslander ([sswars@gsu.edu](mailto:sswars@gsu.edu)). Students should contact her each semester to plan for upcoming courses. To register for courses with an ECE prefix, students must request authorization by Mr. Kendall Jones ([kjones@gsu.edu](mailto:kjones@gsu.edu)). Students should email Mr. Jones prior to registration with the course information for approval to take the course. Any questions related to tuition and scholarships should be directed to the financial aid personnel at GSU, with the link indicated below.

Students are also required to purchase Livetext to be used for submission of assignments in courses, including the portfolio required for the endorsement. To purchase Livetext, please visit this link on the Department of ECEE's website: [https://webpay.gsu.edu/C20797\\_ustores/web/store\\_main.jsp?STOREID=43&SINGLESTORE=true](https://webpay.gsu.edu/C20797_ustores/web/store_main.jsp?STOREID=43&SINGLESTORE=true)

## Program of Study (5 courses, 15 total semester hours)

### K-5 Mathematics Endorsement Courses

Candidates must have 1 year of teaching experience to be eligible to enroll in courses for the K-5 Mathematics Endorsement. The endorsement courses are held on Thursday evenings, with two courses offered in the fall semester (ECE 7393 and ECE 7395) and two courses offered in the spring semester (ECE 7396 and ECE 7394).

- **Required (15 hours):**

ECE 7393 Whole Number and Operations in the Elementary Classroom (3 hours) (register in fall)

ECE 7394 Geometry and Measurement in the Elementary Classroom (3 hours) (register in spring)

ECE 7395 Rational Number and Algebra in the Elementary Classroom (3 hours) (register in fall)

ECE 7396 Data Analysis and Probability in the Elementary Classroom (3 hours) (register in spring)

ECE 7740 Internship I (3 hours) (Students must enroll in ECE 7740 concurrent with one of the following courses: ECE 7393, ECE 7394, ECE 7395, or ECE 7396.)

Successful completion of ECE 7393, ECE 7394, ECE 7395, ECE 7396, and ECE 7740 qualifies the student for the K-5 Mathematics Endorsement.

### Helpful Links

Financial Aid Link

<http://sfs.gsu.edu/the-financial-aid-process/>

Tuition and Fees Link

<http://sfs.gsu.edu/tuition-fees/what-it-costs/tuition-and-fees/>

Application Link

<http://education.gsu.edu/admissions/graduate-admissions/>

