

**Kennesaw State University's
Master's of Arts in Teaching in Mathematics
Frequently Asked Questions**



Admissions:

1. *I have a degree in _____. Can I be admitted to the MAT?*

You need a Bachelor's degree in mathematics OR a degree and the following course prerequisites: Calculus I, II, and III, and a higher mathematics course (with a Calculus I prerequisite). One of the advisors would be glad to review your transcripts if you have questions about whether you have the necessary courses.

You can take those courses at any university. Calculus I, II, and III are standard courses. If you'd like for an advisor to review your fourth course choice, we'd be glad to. If you apply to KSU, apply as an undergraduate because the tuition is less. Let the MAT Director know if you have scheduling difficulties.

If you took Calculus I several years ago, you may need to review or audit it before taking Calculus II.

2. *I already have a Master's degree from an accredited university. Do I have to take the GRE?*

Your Master's degree from an accredited university will exempt you from having to take the GRE for admissions to KSU's MAT. Your Master's degree will also exempt you from having to take the GACE Basic Skills Test.

3. *What sort of recommendations should I submit?*

Ask people to write recommendations for you who have either seen you teach or work with others (children or adults) or someone who can speak to your ability to be successful in a graduate program.

4. *What financial aid is available to me?*

- The HOPE Teacher Scholarship is a forgivable loan program (http://www.gsfc.org/Main/publishing/pdf/2009/hope_teacher_regs.pdf) that you repay by teaching in public schools in Georgia.
- In 2009, KSU was awarded Noyce Scholarships in mathematics (<http://www.ganoycescholars.org/>).
- You may also be eligible for the Federal TEACH Grant Program. For more information, go to http://www.kennesaw.edu/financial_aid/grants/grants.html.
- For information on other financial aid, contact KSU's Office of Student Financial Aid (http://www.kennesaw.edu/financial_aid/).

5. *What is GACE? When should I take GACE?*

GACE is the Georgia Assessment of Certification of Educators (<http://www.gace.nesinc.com/>). For admissions to the program, you need to pass or exempt the GACE Basic Skills Test. You can exempt it with an SAT score of 1000 or a GRE of 1030.

To be certified in Georgia, you'll need to pass the GACE tests for secondary mathematics (022 & 023). We'd recommend you take them after you've had some of the mathematics courses in the program.

You may register to take both tests in a four-hour test period or to take each test in a four-hour test period. Consider your familiarity with the test material and your test-taking preferences when making that decision.

6. *What should I study for GACE?*

You can find information about the mathematics tests at http://www.gace.nesinc.com/GA_testframeworks.asp. Some commercial test review materials are available too. Try a web search for finding those.

7. *What are the deadlines for admission?*

Fall June 1
Spring November 1
Summer March 1
<http://www.kennesaw.edu/graduate/admissions/deadlines.html>

Program Details

8. *What are the goals of the MAT in Mathematics?*

Our goal is to produce teachers who are

- Subject Matter Experts who assist students in subject matter mastery, who accurately represent content, and who use effective instructional strategies and techniques including the use of technology.
- Facilitators of Learning who understand how individuals construct knowledge, who help learners develop complex cognitive structures, who adapt instruction to accommodate learners' levels of understanding, and who use a wide array of teaching strategies and methodologies.
- Collaborative Professionals who work together to improve teaching and learning, who are committed to life-long learning, who promote a climate of collaboration and trust, and who have high ethical and professional values.

9. *Is the program accredited?*

The program is approved by the Georgia Professional Standards Commission and by the National Council for Accreditation of Teacher Education and the National Council of Teachers of Mathematics.

10. *Can I complete this program while I'm employed as a teacher?*

Yes, you can complete the program's internships in your own classroom. KSU will assign you a university supervisor/mentor. We'll ask that your school also assign you a mentor. You can take program courses in the evenings and during the summer.

11. *Are any courses online?*

None of our courses are currently online.

12. *What if I get a teaching position during the program?*

You can do your internships in your classroom and take MAT courses in the evenings. We recommend that you take at least two years to finish the program if you're teaching full time.

13. *How do I pursue a teaching position?*

You'll need to pass GACE in secondary mathematics (022 and 023) before seeking a teaching position. Once you have that score, you can apply with school systems. Check their websites for

listing of openings and for their application process. Once a school system hires you, it will apply for a nonrenewable teaching certificate from the Georgia Professional Standards Commission for you. You can teach on that nonrenewable teaching certificate for five years. During that time, you'll need to complete an approved program (such as KSU's MAT) to earn your clear, renewable teaching certificate. For more on types of teaching certificates: <http://www.gapsc.com/Rules/Current/Certification/index.asp>.

14. How long will it take to finish the program?

If you are admitted in Fall, here's the proposed schedule:

Fall	Spring	Summer
MATH 7495 (3)	EDUC 6200 (3)	MATH 7713 (3)
EDUC 6100 (5)	MAED 6416 (3)	MATH 7712 (3)
EDUC 6100L (1)	MAED 6416L (3)	MATH 7718 (3)
	MATH 7717 (3)	
9	12	9

Fall	Spring	Summer
MAED 6475 (3)	EDUC 6300 (3)	EDUC 6400 (3)
MAED 6476L (6)		
MATH 7714 (3)		
		<i>Graduation!</i>
12	3	3

If you were admitted in Spring, here's the proposed schedule:

Spring	Summer	Fall	Spring	Summer
EDUC 6100 (5)	EDUC 6200 (3)	MATH 7714 (3)	EDUC 6300 (3)	EDUC 6400 (3)
EDUC 6100L (1)	MATH 7713 (3)	MATH 7495 (3)	MAED 6475 (3)	
MATH 7717 (3)		MAED 6416 (3)	MAED 6475L (6)	MATH 7712 <i>or</i>
	MATH 7700 <i>or</i>	MAED 6416L (3)		MATH 7718 (3)
	MATH 7718 (3)			<i>Graduation!</i>
9	9	12	12	6

If you were admitted in Summer, here's the proposed schedule:

Summer	Fall	Spring	Summer
EDUC 6100 (5)	MATH 7714 (3)	EDUC 6300 (3)	EDUC 6400 (3)
EDUC 6100L (1)	MATH 7495 (3)	MAED 6475 (3)	MATH 7712 (3)
EDUC 6200 (3)	MAED 6416 (3)	MAED 6475L (6)	MATH 7718 (3)
MATH 7713 (3)	MAED 6416L (3)	MATH 7717 (3)	
			<i>Graduation!</i>
12	12	15	9

Generally, courses are offered at least once a year. If you withdraw from a course, you may have to wait a year before picking it up.

Notice that the four-semester schedule is very intense. If you're currently employed full time as a teacher, I would warn against trying to finish the program in four semesters. If you're deciding whether or not to drop a course, keep course prerequisites in mind:

- EDUC 6100 → MAED 6416 (& 6416L) → MAED 6475(& 6475L)
- EDUC 6100 → EDUC 6200 → EDUC 6300 → EDUC 6400

You may also want to talk to the MAT program director.

15. Can I teach in college after completing this program?

Yes, 18 hours of mathematics course is generally considered the minimum for adjunct faculty; HOWEVER, the MAT program is designed for those teaching secondary schools and requires 30 hours of coursework directly related to grades 6-12, including 900 hours of field experience. If college teaching is your primary goal, another program would be a better choice.

16. KSU also offers an opportunity to take four undergraduate computer science courses and add computer science to your teaching certificate.

Check with Professor Rich Schlesinger (770-423- 6039 or rschlesi@kennesaw.edu) for details.

17. When are classes? What will my schedule be?

Our tentative schedule of mathematics courses is

Summer Semesters	Fall Semesters	Spring Semesters
<ul style="list-style-type: none"> ▪ Six-week semester ▪ Classes Mondays – Thursdays, 8:00-11:45 and 12-4:45 PM ▪ Some night classes available 	<ul style="list-style-type: none"> ▪ 15-week semester ▪ Classes Mondays through Thursday nights, usually at 5:00-7:45 PM 	
<ul style="list-style-type: none"> ▪ EDUC 6100 (5 hrs.) ▪ EDUC 6100L: 45 hours in schools. 		
	Fall or spring semesters: <ul style="list-style-type: none"> ▪ MAED 6414 ▪ MAED 6414L Internship in schools for 4 ½ hours a day daily ▪ MAED 6475 ▪ MAED 6475L Internships in schools for full school days for 12 weeks 	
<ul style="list-style-type: none"> ▪ EDUC 6400 	<ul style="list-style-type: none"> ▪ EDUC 6200 	<ul style="list-style-type: none"> ▪ EDUC 6300
<ul style="list-style-type: none"> ▪ MATH 7712 Discrete Mathematics ▪ MATH 7713 Statistics & Data Analysis ▪ MATH 7718 Functions 	<ul style="list-style-type: none"> ▪ MATH 7714 Geometry ▪ MATH 7495 Advanced Perspectives on School Math 	<ul style="list-style-type: none"> ▪ MATH 7717 Number Theory

20. What courses will I take in the program?

Foundations and Research	Methods	Mathematics
<ul style="list-style-type: none"> ▪ EDUC 6100 <i>Development, Psychology, and Diversity of the Learner</i> (5 hrs.) ▪ EDUC 6200 <i>Curriculum, Assessment, and Management</i> ▪ EDUC 6300 <i>Research Methods and Critique</i> ▪ EDUC 6400 <i>Capstone Seminar</i> 	<ul style="list-style-type: none"> ▪ MAED 6416 <i>Teaching Secondary Mathematics I</i> ▪ MAED 6475 <i>Teaching Secondary Mathematics II</i> 	<ul style="list-style-type: none"> ▪ MATH 7712 <i>Discrete Mathematics</i> ▪ MATH 7713 <i>Statistics & Data Analysis</i> ▪ MATH 7714 <i>Geometry from Multiple Perspectives</i> ▪ MATH 7717 <i>Elementary Number Theory</i> ▪ MATH 7718 <i>Functions and Analytic Techniques</i> ▪ MATH 7495 <i>Advanced Perspectives on School Mathematics</i>
	<p style="text-align: center;">Practica</p> <ul style="list-style-type: none"> ▪ EDUC 6100L <i>Practicum I</i> (1 hr.) ▪ MAED 6416L <i>Practicum II</i> ▪ MAED 6475L <i>Practicum III</i> (6 hrs.) 	

**Courses are each 3 hours unless otherwise indicated.*

21. How can I find out more?

Check our website at <http://science.kennesaw.edu/MAT/>. Call the Department of Mathematics and Statistics at 770-423-6327 or call the Teacher Education Advisement Center's graduate advisor Alisha Bello at 770-423-6105.