



COLLEGE OF
EDUCATION

Mathematics Education

Master of Education
Curriculum and Instruction



Become a leader in mathematics education.

Program Highlights

- ▶ **In-Person** – Build your professional network by learning face-to-face within a community of mathematics education professionals.
- ▶ **Full-time or part-time option** – Personalized and diverse programming to fit your needs and broaden your understanding of teaching and learning mathematics.
- ▶ **Evening classes** – Earn a degree to further your career while maintaining your current job.
- ▶ **Substantial tuition support for local educators**– To learn more, call 817-257-7661 or visit the Graduate Resources tab at coe.tcu.edu
- ▶ **Intimate class sizes** – Professors aim to enhance your practice through supportive, personal, and rigorous engagement.

Prior Education requirement	Bachelor's
Work Experience Required	None
Certification(s) Required (at time of application)	Teaching Certification OR*

*OR: Per TEA - 24 hours or more of mathematics coursework at the undergraduate level (for middle/secondary candidates) or undergraduate mathematics coursework, professional development in mathematics and/or teaching experience (for elementary candidates)



► Personalize Your Path

Which program emphasis is right for you?

Required Specialized Coursework

(Select 5 of the following courses)

- Teaching Number and Operations
- Teaching Algebraic Thinking
- Teaching Geometry and Measurement
- Teaching and Learning Mathematics with Technology
- Teaching Data Analysis and Probability
- Fostering Discourse in the Mathematics Classroom

Research Emphasis

Introductory Research Course
(1 course)

Additional Research Courses
(2 courses)

Thesis
(2 Courses)

OR

Teaching and Learning Emphasis

Introductory Research Course
(1 course)

Teaching & Learning Elective Courses
(3 courses)

Practitioner-based Project
(1 Course)

► Master of Education: Curriculum and Instruction

The M.Ed. with a specialization in Mathematics Education is a 30-credit-hour program (10 courses) designed for pre-service teachers, in-service teachers, and other education professionals interested in enhancing their abilities to support mathematics learning in K-12 schools and other educational settings.

By completing this program, you will hone your mathematical knowledge for teaching and pedagogical content knowledge, understand the vertical alignment of mathematics content areas in Pre-K through 12 curriculum, and link research and practice by learning to use and conduct research to enhance teacher practice. *Join our program and establish yourself as a leader in mathematics education.*

From Our Graduates...

“As a graduate student obtaining my M.Ed. in Mathematics Education, I learned so much from the magnificent professors at TCU. They encapsulate everything a teacher should be. Thanks to their great leadership and example, I learned how to advocate for my students, as well as create an environment that is welcoming to who they are and is conducive to growth. The graduate program allowed me to put everything I learned from my professors into practice. All of this combined has made me into the educator I am today. I hope more educators get to experience this at TCU’s College of Education.”

Ilse Espino, M.Ed.

6-8th grade Math Teacher, Stripling Middle School, Fort Worth, TX

“Attending TCU for the Mathematic Education program was a decision I do not regret. I was able to form personal and professional relationships with like-minded students and professors. The program was dedicated to the development of a deeper level of knowledge focused on teaching and learning in the field of mathematics education. The partnerships created with the professors allowed for the facilitation of our growth as future teacher leaders.”

Matthew Troyanowski, M.Ed.

Assistant Principal, Davis Elementary School, Irving TX

“TCU’s Curriculum and Instruction Master’s program more than prepared me to enter the field of education. I have always known that I wanted to be a math teacher. Naturally, an undergraduate degree in education was my next step. I never thought there could be another step, which would take my macro understanding of education to an entirely new level. I think about, consider, and use almost everything I learned (including my own research!) through the M.Ed. program in my everyday practices! I would not be the teacher I am today without my master’s degree through TCU’s College of Education.”

Chelsey Hayward, M.Ed.

Middle School Mathematics Teacher, Great Hearts Online



Want to learn more?

- ▶ Visit coe.tcu.edu

Questions?

Contact Program Faculty

Dr. Sarah Quebec Fuentes, Professor: s.quebec.fuentes@tcu.edu

Dr. Matt Switzer, Associate Professor: j.switzer@tcu.edu



Ready to apply?

- ▶ Visit rebrand.ly/ApplyTCUGrad to complete the TCU Graduate Studies online application and check application deadlines.