

Master of Arts in Mathematics Education

Take your teaching to the next level.

Designed for educators passionate about deepening their knowledge and refining their skills, this program equips you to inspire students and lead in an evolving field. Gain the expertise to transform learning and create lasting impact in the classroom and beyond.





Program Highlights

Unit Count of Program: 30

- ▶ **Two program options available:**
 - Elementary/Middle School
 - Secondary School
- ▶ **Direct and practical classroom** application of mathematics concepts.
- ▶ Program is centered around the **key areas of mathematical modeling** and **teaching mathematics for social justice**.
- ▶ Study under **experienced and highly rated university faculty**.
- ▶ Program is designed to be completed in five contiguous semesters (i.e.: Fall, Spring, Summer, Fall, Spring). **Cohorts may start in any semester.**
- ▶ **Offered fully online.**



An advanced degree in mathematics education is about empowering others through knowledge and shaping the future through education. Benefits of attaining an advanced degree include:

- ▶ **Specialized Expertise:** Gain advanced pedagogical skills to effectively teach complex mathematical concepts to diverse learners.
- ▶ **Innovative Teaching Strategies:** Learn the latest instructional methods and technologies to enhance mathematics instruction.
- ▶ **Curriculum Development:** Play a role in shaping and enhancing math curriculum and instructional strategies.
- ▶ **Professional Network:** Connect with a community of educators and professionals dedicated to mathematics education.
- ▶ **Career Advancement:** Open doors to higher-level roles, salary and leadership positions.
- ▶ **Earn More:** Increase your salary potential with an advanced degree.
- ▶ **Pathway to Advanced Education:** Build a foundation for doctoral programs.
- ▶ **Impactful Change:** Make a significant difference in your community by promoting mathematics and improving education.

Designed to equip you with both deep mathematical knowledge and effective teaching strategies.

Through a blend of advanced math courses and pedagogical training, you'll graduate with the skills to inspire a love for math while meeting the needs of today's learners.

Required Courses (30 units)

Course Prefix	Required Courses (Master of Arts Core required for both options)	Units
MSER 794	Introduction and Literature Review	3
MSER 795	Research Methods and Project Proposal	3
MTH 769	Mathematical Modeling in School	3
MTH 770	Teaching Mathematics for Social Justice	3
MTH 771	Roles of Change in Perspective in Mathematics	3
MTH 772	Data Science	3
Select one of the two options listed below:		
Elementary/Middle School Option		
MTH 701	Core Mathematics I	3
MTH 702	Core Mathematics II	3
MTH 703	Core Mathematics III	3
MTH 704	Core Mathematics IV	3
MTH 742	Current Issues and Research in Mathematics Education	2-4
Secondary School Option		
MTH 761	Advanced Geometry	3
MTH 762	Advanced Algebra	3
MTH 763	Probability and Statistics	3
MTH 768	Calculus in the Classroom	3

The courses listed above provide a sample overview of our program. Please meet with your academic advisor or visit fpu.edu/catalog to finalize your course registration and sequence.

Application and Admission Information

To be considered for admission for the M.A. in Math Education, please submit the following items:

- ☐ **Completed Application for Admission** and \$45 non-refundable application fee. fpu.edu/applygrad
- ☐ **Official college/university transcript(s)** verifying receipt of a bachelor's degree from a regionally accredited institution and any post-baccalaureate work.
 - If you are currently finishing up your degree, please submit current transcript.
 - A final transcript will need to be submitted before you may enroll in classes.
 - Transcripts can be sent electronically by your institution to trans.evaluator@fresno.edu or via mail in an envelope sealed by your institution to:

Fresno Pacific University
Office of the Registrar
1717 S. Chestnut Ave.
Fresno, CA 93702
- ☐ **If your cumulative GPA** for your bachelor's degree is below a 3.0 (4.0 scale), a letter of explanation is required.
- ☐ **Reference Form** – One reference is required for the M.A. in Mathematics Education program. The reference should attest to your professional qualities and your academic qualifications, noting your ability to complete graduate-level work.
 - Form can be found at fpu.edu/graduate-reference
- ☐ **Statement of Intent** – Provide a written statement explaining your interest in the program, long-term goals and your experience in the field.
- ☐ **Program Interview** – After submitting your application materials including transcripts, a representative will be in contact with you to schedule an interview.

View our State Professional Licensing and Certificate Disclosure at fpu.edu/about/disclosure-documents.

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