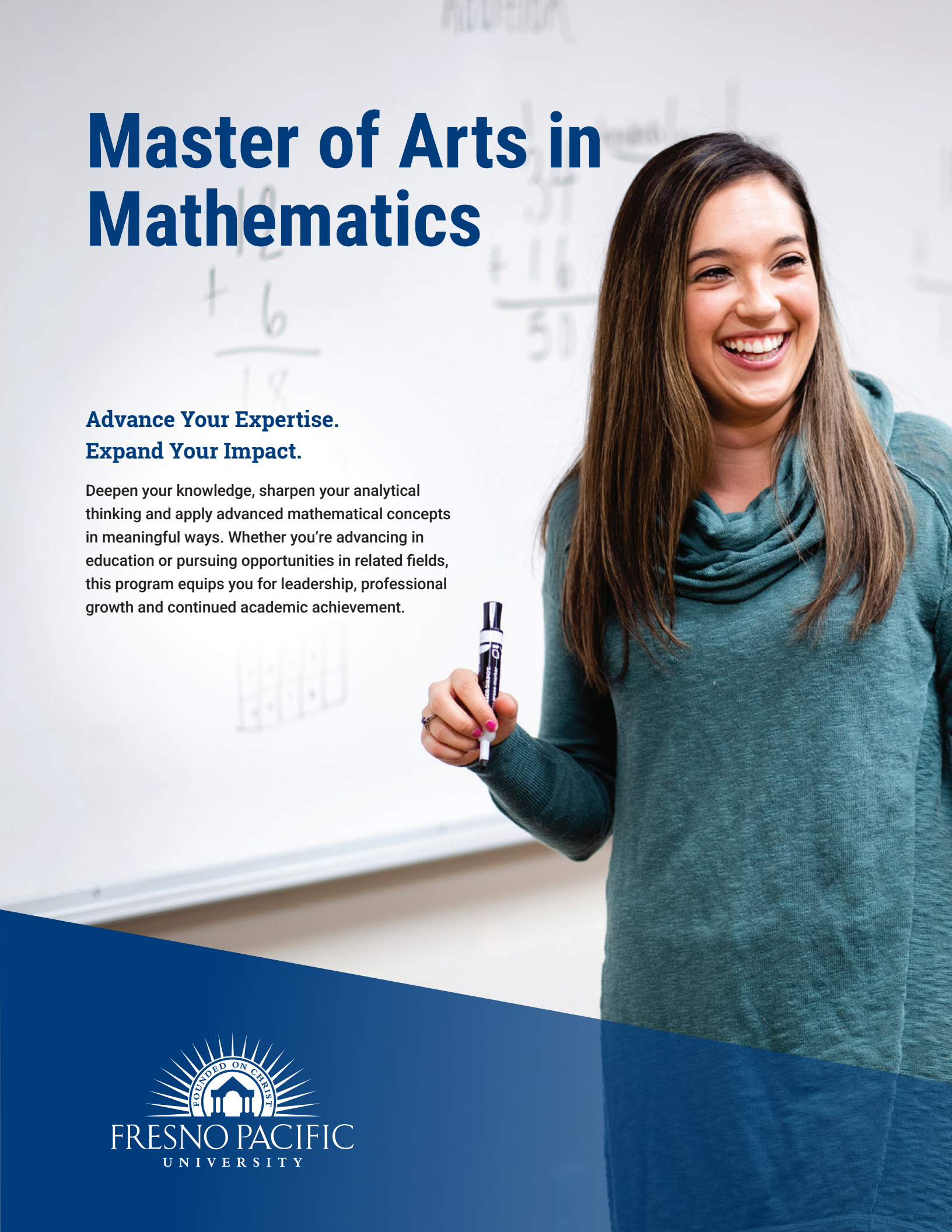
Master of Arts in Mathematics



Advance Your Expertise. Expand Your Impact.

Deepen your knowledge, sharpen your analytical thinking and apply advanced mathematical concepts in meaningful ways. Whether you're advancing in education or pursuing opportunities in related fields, this program equips you for leadership, professional growth and continued academic achievement.

FRESNO PACIFIC UNIVERSITY

An Advanced Degree in Mathematics Is About Human Flourishing.

Benefits of attaining an advanced degree include:

- **Exploring the beauty and power of mathematical ideas** — discovering patterns, structures and connections that shape our world.
- **Developing deep mathematical thinking** — developing curiosity, persistence and a growth mindset.
- **Connecting mathematics to real-world contexts** — applying mathematical reasoning in science, technology, business, education and society.
- **Learning to communicate mathematical ideas** — explaining concepts clearly, persuasively and creatively.
- **Preparing for diverse careers** — opening pathways in education, data science, research, technology, finance and many other fields.
- **Seeing mathematics as a human endeavor** — understanding how mathematics reflects creativity, culture and human curiosity.
- **Using mathematics to make an impact** — applying quantitative thinking to address challenges and contribute to a more just world.

Program Highlights

Unit Count of Program: 30

- **Study fully online with flexibility** to balance graduate education with work and personal commitments.
- **Apply mathematics to real-world challenges** through an emphasis on mathematical modeling and problem-solving.
- **Explore mathematics for human flourishing** as an integrated component throughout the program.
- **Deepen your mathematics expertise** with advanced content designed for current and aspiring mathematics educators.
- **Prepare to teach dual-enrollment courses** and expand your opportunities at the community college level.
- **Build lasting professional connections** through a collaborative cohort model.
- **Access scholarship opportunities** to help support your graduate education.
- **Learn in a supportive environment** with small class sizes and personalized faculty mentorship.

Designed for Educators and Professionals Seeking to Advance Their Expertise.

This program develops advanced mathematical thinking and practical applications of mathematics for careers in teaching, industry and further study.

Required Courses (30 units)

Course Prefix	Required Courses	Units
MATH 761	Advanced Geometry	3
MATH 762	Advanced Algebra	3
MATH 763	Probability and Statistics	3
MATH 769	Mathematical Modeling	3
MATH 770	Mathematics for Human Flourishing	3
MATH 771	Role of Change in Perspective in Mathematics	3
MATH 772	Data Science	3
MATH 773	Advanced Analysis	3
MATH 794	Introduction and Literature Review	3
MATH 795	Research Methods and Project Proposal	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 to the M.A. in Mathematics, please submit the following items:

- ☐ **Completed Application for Admission**: **fpu.edu/applygrad**
- ☐ **Official college/university transcript(s)** verifying receipt of a bachelor's degree from a regionally accredited institution and any postbaccalaureate 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
- ☐ **Applicants must have successfully completed a bachelor's degree in mathematics or related field.**
- ☐ **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 program. The reference should attest to your professional qualities and your academic qualifications, noting your ability to complete graduate-level work.
  - After you submit your application, your listed reference will be contacted via email with a link to provide their recommendation.
- ☐ **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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Office of Graduate Studies | Graduate.Studies@fresno.edu | 559-453-3690

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